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ANNUAL REPORT  
OF THE TOWN OF  
READING  
MASSACHUSETTS



FOR THE YEAR ENDING DECEMBER 31,

1939



# TOWN OF READING



## ANNUAL REPORT

FOR THE

Financial Year Ended December 31

1939

*Reading Chronicle Press, Inc.  
Reading, Mass.*



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## TOWN OFFICERS

Elected and Appointed

1939—1940

### Board of Selectmen

CARL W. GOODRIDGE, Chairman	Term Expires	1940
NEWELL H. MORTON	" "	1941
ROBERT E. FOWLE	" "	1942
LEON G. BENT, Clerk.		

### Board of Public Welfare

KITTIE M. BANGS, Chairman	Term Expires	1941
*HARRIETT L. ROONEY	" "	1940
ALBERT L. WELLMAN, JR.	" "	1942
§MILES C. HIGGINS	" "	1940
EDWARD E. HARNDEN, Secretary and Superintendent.		
HELEN A. BROWN, GLADYS M. LANE, Visitors.		

### Bureau of Old Age Assistance

KITTIE M. BANGS, Chairman	Term Expires	1941
*HARRIET L. ROONEY	" "	1940
ALBERT L. WELLMAN, JR.	" "	1942
§MILES C. HIGGINS	" "	1940
VIRGINIA C. SMITH, Secretary.		
EDWARD E. HARNDEN, Director.		
MARY F. DANIEL, Visitor.		

### Sponsor's Agent, W. P. A.

ARTHUR C. MICHELINI

### Board of Assessors

ARTHUR S. COOK, Chairman	Term Expires	1940
EDGAR FROST, Secretary	" "	1942
GEORGE E. HORROCKS	" "	1941

### Town Clerk

MILLARD F. CHARLES

### Town Counsel

SAMUEL H. DAVIS

### Moderator

CHARLES P. HOWARD

### Treasurer

PRESTON F. NICHOLS

### Collector of Taxes

GRACE V. VIALI

### Town Accountant

LEON G. BENT

### Soldiers' Relief Agent

CHARLES W. H. SMITH

\*Resigned April 12, 1939.

§Elected to fill vacancy.

### Board of Public Works

WENDELL P. DAVIS, Chairman	Term Expires	1942
HAROLD W. PUTNAM, Secretary	" "	1940
EDWARD A. BROPHY	" "	1940
ALEXANDER LINDSAY	" "	1942
ALEXANDER WILLIAMSON	" "	1941
PHILIP P. WELCH, Superintendent.		

### Board of Health

EDWARD M. HALLIGAN, M. D., Chairman	Term Expires	1940
CHRISTINE F. ATKINSON, Secretary	" "	1942
ROBERT B. SHEPARDSON, M. D.	" "	1941

### Finance Committee

JOHN L. DEVANEY, Chairman	Term Expires	1940
LOUIS DAVIS	" "	1942
A. ALDEN GOLDSMITH	" "	1942
‡FRANK MERRILL	" "	1942
CHARLES F. TREVOR	" "	1942
W. GARDINER LONG	" "	1942
WILLIAM A. CONNELLY, D.M.D.	" "	1940
MARGARET R. ELLISON	" "	1940
CLARENCE M. KIMBALL	" "	1940
ALLAN H. STURGES	" "	1940
HAROLD B. CURRELL	" "	1941
ROBERT M. FOLSOM	" "	1941
WENDELL B. NEWELL	" "	1941
HERMAN M. NOYES	" "	1941
G. LAWRENCE ROBERTS	" "	1941
LEON G. BENT, Clerk.		

### School Committee

FRANK D. TANNER, Chairman	Term Expires	1941
MARGARET S. CANTY	" "	1942
CHARLES R. WAKELING, M.D., D.O.	" "	1942
HOWARD T. CLINCH	" "	1940
ESTHER D. TWOMBLY	" "	1940
IRVING C. AUSTIN	" "	1941
*ARTHUR E. PIERCE, Secretary.		
§ELBRIDGE C. GROVER, Secretary.		

### Superintendent of Schools

\*ARTHUR E. PIERCE                      §ELBRIDGE C. GROVER

‡Resigned Dec. 1939.

\*Resigned May 31, 1939.

§Appointed to fill vacancy July 12, 1939.

**Attendance Officer**  
JOSEPHINE L. FOWLER

<b>School Physician</b>	<b>School Nurse</b>
CHAS. R. HENDERSON, M. D.	MARGARET B. CLEWLEY

**Municipal Light Board**

HENRY R. JOHNSON, Chairman	Term	Expires	1941
LOUIS ELLENWOOD, Secretary	"	"	1940
HERBERT G. EVANS	"	"	1942
ARTHUR G. SIAS, Manager.			

**Board of Registrars**

OWEN McKENNEY, Chairman	Term	Expires	1942
ROBERT S. RALSTON	"	"	1941
RALPH S. KENEELY	"	"	1940

**Board of Cemetery Trustees**

CLARENCE C. WHITE, Chairman	Term	Expires	1941
FRED L. NUTTER, Secretary	"	"	1940
FRANK LEE EDGERLEY	"	"	1940
HAROLD F. DAVIS	"	"	1942
W. FLETCHER TWOMBLY	"	"	1941
HARRY C. BARR	"	"	1942
WILLIAM P. PIERPONT, Superintendent.			

**Planning Board**

WINTHROP D. PARKER, Chairman	Term	Expires	1940
RICHARD F. DREW, Secretary	"	"	1940
PHILIP R. WHITE	"	"	1941
SHERBURNE J. WATTS	"	"	1941
A. LLOYD DAVID	"	"	1942

**Trustees Public Library**

LOUIS M. LYONS, Chairman	Term	Expires	1942
C. NELSON BISHOP, Secretary	"	"	1940
HELEN P. TIRRELL	"	"	1942
WARREN L. FLETCHER	"	"	1940
A. IMRIE DIXON	"	"	1941
ISABELLE G. HEDGES	"	"	1941

**Commissioners of Trust Funds**

H. RAYMOND JOHNSON, Chairman	Term	Expires	1943
CLARENCE C. WHITE	"	"	1945
ROBERT M. BROWN	"	"	1941

Town Treasurer and Chairman of Selectmen, members  
ex-officiis.

**Board of Appeal**

HENRY Q. MILLETT, Chairman	Term	Expires	1941
FRED L. NUTTER, Secretary	"	"	1940
BENJAMIN B. PIPER	"	"	1942

**Associate Members of Board of Appeal**

HERBERT T. SCHOPPELRY	Term Expires	1942
HOWARD T. CLINCH	" "	1940
DUDLEY B. KILLAM	" "	1941

**Sealer of Weights and Measures**

**Inspector of Milk and Food**

CARL M. SMITH

**Inspector of Plumbing and Gas Inspector**

DAVID TAGGART

**Inspector of Animals**

BERNARD SCHIMPFKE

**Dog Officer**

CHARLES H. MELENDY

**Game Warden**

JAMES T. PUTNAM

**Inspector of Slaughtering**

CORNELIUS THIBEAULT, M. D. V.

**Inspector of Buildings**

A. RUSSELL BARNES

**Superintendent of Moth Work and Tree Warden**

HENRY M. DONEGAN

**Burial Agent, Soldiers and Sailors**

CHARLES E. TASNEY

**Custodian Soldiers' Graves**

HARRY A. TURNER

**Forest Warden**

HUGH L. EAMES

**Deputy Forest Warden**

HENRY M. DONEGAN

**Constables**

LEON G. BENT

J. WINTHROP SIAS

**Insurance Committee**

CARL W. GOODRIDGE

NEWELL H. MORTON

ROBERT E. FOWLE

PRESTON F. NICHOLS, Town Treasurer.

JOHN L. DEVANEY, Chairman Finance Committee.

**Custodian Town Farm**

ARTHUR C. MICHELINI

**Police Department**

JEREMIAH CULLINANE, Chief

**Sergeants**

FRANCIS L. JOHNSON

FRANCIS T. SLACK

**Patrolmen**

TIMOTHY J. CULLINANE

OSCAR H. LOW

FRANK R. FISHER

GORDON G. MacINTIRE

EARL R. HUTCHINSON

HAROLD W. O'BRIEN

JAMES H. LAWLER

WILLIAM F. O'BRIEN

PATRICK J. LONG

THOMAS E. WALL

THOMAS J. FITZPATRICK

**Reserve Officers**

JOHN R. CONDON

ROLAND E. ELLIS

ARTHUR M. CURTIN

JOSEPH M. GREENE

PATRICK J. PANTANO

**Keeper of the Lock-Up**

JEREMIAH CULLINANE

**Fire Department**

HUGH L. EAMES, Chief

JOHN J. O'BRIEN, Deputy Chief

WILLIAM H. VANHORN, Capt.

HERBERT L. ROBERTSON

CHARLES H. HESELTON, Lieut.

ALBERT C. MAXWELL

GEORGE W. GOODRIDGE

LEWIS C. HOLDEN

ELMER A. DYKENS

**Call Men**

JOSEPH ARSENAULT

OWEN McKENNEY, Capt.

GEORGE F. BAXTER

JAMES PERRY

HOWARD E. BUSSELL

H. HARVEY QUIGLEY

ANDREW B. BUTTERS

JOHN H. RAMSAY

JOHN J. CARNEY

HERMAN L. REISSLE

CHARLES N. CHASE

GEORGE A. ROGERS

THOMAS F. CLASSEN

BERNARD SCHIMPFKE

WILLIAM H. GAY, Capt.

G. WARREN SPRAGUE

J. LOUIS GOODRIDGE

F. LIONEL SPRINGFORD

CHESTER GOODWIN

W. REGINALD VANHORN

LESLIE C. HADLEY

GEORGE ZANNI

FRANK H. HESELTON, Lieut.

**Superintendent of Fire Alarm**

HUGH L. EAMES

**Inspector of Wires**

ALBERT C. MAXWELL

ORA L. MILBURY                      BURTON K. SYMONDS  
WILLIAM R. ZWICKER

THOMAS E. BROGAN	BERTHA D. MacLELLAN
CHARLES W. LEE	WENDELL B. NEWELL
MABEL L. McKAY	PERCY N. SWEETSER

PERCY N. SWEETSER                      BURTON K. SYMONDS  
THOMAS F. BROGAN

WENDELL B. NEWELL  
ALBERT E. TEMPLE

ANDREW CHRISTENSEN                      HENRY M. DONEGAN  
JOHN F. SAWYER

LELAND W. KINGMAN, Chairman	Term Expires	1940
HENRY M. DONEGAN	" "	1942
ORVILLE O. ORDWAY	" "	1941

ARTHUR S. COOK	FRANK D. TANNER
EDWARD M. HALLIGAN, M. D.	WENDELL P. DAVIS
KITTIE M. BANGS	HENRY R. JOHNSON

LELAND W. KINGMAN, Chairman  
DOROTHY M. STEVENS, Secretary  
IRVING C. AUSTIN J. WARREN KILLAM, JR.  
WILLIAM F. CAMPBELL HELEN N. MICHELINI  
WILLIAM M. CONNELLY JOHN M. WIDELL

JOHN F. MAGUIRE	Reading High School
CHARLES L. CUMMINGS	Reading High School
SYLVANUS THOMPSON	Lowell St. School



### Special Police Officers (continued)

EDWARD McBRIEN	Center and Union St. School
WALTER SMITH	Junior High School
JAMES L. HEALEY	Highland School
HENRY W. BRYDEN	Junior High School
WILLIAM H. KILLAM	Municipal Bldg. and Library Grounds
FRANK F. STROUT	Pumping Station
RALPH F. PLOUFF	
WILLIAM P. PIERPONT	
WILLIAM H. MANNING	
CHARLES H. MELENDY	
GARDNER A. PERRY	
EDGAR C. STUART	American Legion Quarters
ROBERT O. CHESLEY	Unitarian Church and Community Hall
THOMAS F. CLASSEN	
SIDNEY FREDERICK	Sewerage Pumping Station and Vicinity
EDWARD E. HARNDEN	Town Farm
CHARLES L. GOWING, JR.	Reading Theatre
FRED REISSLE	Junior High School
DANIEL J. O'KEEFE	Town Dump
J. EDWARD BLACK	
HERBERT F. CARTER	
J. WINTHROP SIAS	
NORMAN H. JEWETT	
GEORGE O'KEEFE	
JACOB C. NEILSON	
GEORGE HALL	
FREDERICK W. BURNS	Town Forest
ARTHUR C. MICHELINI	Town Farm Bldg.
CHARLES E. LANGDON	Security Hall and Odd Fellows Hall

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### Statistics

Population, census of 1935, 10,703.  
Registered Voters 1939: Men 2680, Women 3110, Total 5790.  
Fifth Congressional District.  
Sixth Councillor District.  
Seventh Middlesex Senatorial District.  
Eighteenth Middlesex Representative District.  
Representative in Congress, 5th District, Edith Nourse Rogers, Lowell.  
Councillor 6th District, Eugene A. F. Burtnett, Somerville.  
Senator 7th Middlesex District, Joseph R. Cotton, Lexington.  
Representatives 18th Middlesex District, Arthur W. Coolidge, Reading,  
and Gustave W. Everberg, Woburn.

## A SHORT HISTORY OF READING

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The town of Reading can boast of an old and truly remarkable history. It dates back to 1639, when inhabitants of Lynn obtained the right to establish a community, which they called Linn Village.

The orders of the General Court changed the name of Linn Village to Redding, an action which constituted the incorporating of the town in 1644. As time progressed, agitation for a division of the town created three parishes: the North Precinct, the Third Parish or West Parish (which included most of what is now Reading), and the South Parish or South Reading as it was later called.

In the memorable years of the struggle for independence, the old town of Reading was conspicuous for its loyalty to the cause of liberty and for its military efforts. A Reading individual worthy of recognition for his part in the Revolutionary War was Major Brooks. He was captain of the minutemen of Reading, who engaged the British at Lexington-Concord, and played a distinctive part in the "Battle of the 19th of April".

Records seem to indicate that a direct result of political differences growing out of the war between the United States and England in 1812 was the separation of South Reading from Reading.

During the period of the slavery controversy, one of the first female antislavery societies in the United States was founded here in Reading. In 1861, when the fearful war of the rebellion burst upon us, Reading was not only patriotic and true to the Union government, but its people were able to meet and even exceed the demands of our nation for men and money.

During the Civil War, companies were recruited in Reading. Again in the Spanish American War and World War, men from this community gave "the last full measure of devotion". In 1939, there was unveiled a monument, beautiful in its simplicity, commemorating those who served their nation in time of war. Upon it are engraved these words: "Patriotic Service—Forever Remembered".

In the earliest days of our colonial history, Reading was a frontier—a pioneer community. It was one of those numerous "towns" which girded Massachusetts Bay, serving chiefly as a buffer against Indian attacks. Now—having commemorated our 300th Anniversary—we have reached our maturity. Now we strive for new frontiers of community endeavor, proud of our schools, our many civic organizations, and our local administration.

There are many diversified opinions of our town. In marking the celebration of the tercentenary of the settlement of Linn Village, later named Redding, Reverend Fr. Myles J. McSwiney spoke fittingly of our town:

"We have much to learn and much to imitate from the example of these first settlers. They understood the meaning of life and knew how to live it, and they prospered and were happy. They observed the moral law and realized the sanctity of the home and the rights of their fellow men and thus laid the solid foundation of our beautiful township."

**TOWN OF READING**  
**LIST OF JURORS FOR 1939—1940**

Prepared by the Board of Selectmen

Name	Occupation	Residence
Ainsworth, Dennis J.,	Electrician	15 Woodbine St.
Anderson, Percy E.,	Clerk	57 Woburn St.
Austin, Irving C.,	Wool Merchant	180 Prescott St.
Barclay, Robert M.,	Clerk	26 Vine St.
Barnes, George E.,	Operator	103 Green St.
Benjamin, William H. Jr.,	Salesman	18 Berkeley St.
Bowers, Harrison W.,	Manager	178 Walnut St.
<u>Bowman</u> , Richard J.,	Chauffeur	115 Green St.
<u>Bradley</u> , Henry J.,	Operator	121-118 Green St.
Brogan, Thomas E.,	Clerk	5 Washington St.
Brown, Robert M.,	Asst. Manager	165 Bancroft Ave.
Bruns, Frederick L.,	Poultryman	294 Charles St.
Cahoon, Benjamin B.,	Tel. Man	126 Oak St.
Callan, Arthur B.,	Superintendent	66 Hanscom Ave.
Chandler, Myron K.,	Traffic Engineer	78 Hanscom Ave.
Chapin, Earle H.,	Salesman	134 High St.
Chase, Robert B.,	Fuel Dealer	18 Fairview Ave.
Clapp, Ernest E.,	Electrician	13 Highland St.
Clapperton, John,	Machinist	161 Pleasant St.
Clough, Harry E.,	Insurance Salesman	142 Bancroft Ave.
Cooper, Carl C.,	Treasurer	167 Summer Ave.
Crosby, Melvin S.,	Division Mgr.	50 Middlesex Ave.
Croswell, Ray R.,	N. E. T. & T. Co.	52 Hancock St.
Davis, Clyde L.,	Asst. Gen. Frt. Agt.	113 Bancroft Ave.
Davis, Victor H.,	Merchant	33 Berkeley St.
Desmond, Daniel J.,	Manager	8 Center Ave.
Dillaway, Ernest N.,	Salesman	29 Perkins Ave.
D'Orlando, Frank,	Manufacturer	41 Pratt St.
Downs, Edward F.,	Accountant	198 High St.
Fletcher, Warren L.,	Voicer	57 Highland St.
Flint, Russell A.,	Teller	25 Sunnyside Ave.
Foxcroft, Francis R.,	Salesman	100 Prescott St.
French, Clarence J.,	Traffic Manager	297 Summer Ave.
Gallagher, Francis A.,	P. O. Clerk	113 Green St.
Gay, William H.,	Milkman	271 Woburn St.
Gibson, Ralph R.,	Insurance Inv.	972 Main St.
Gillis, J. Wallace,	Salesman	76 Woburn St.
Goff, John W.,	Decorator	9 Arlington St.
Gray, Arthur L.,	Salesman	34 Kingston St.
Griffiths, Eleazer H.,	Salesman	71 Harrison St.

Name	Occupation	Residence
Harris, Charles B.,	Asst. Yardmaster	527 Summer Ave.
Harris, Marshall P.,	Salesman	13 Berkeley St.
Harris, Wilbur L.,	Merchant	868 Main St.
Haskins, George,	Civil Engineer	40 Dudley St.
Hasty, Charles S.,	Insurance	46 Temple St.
Hilton, Walter C.,	Salesman	301 Ash St.
Hoey, Eugene F.,	Mechanic	36 Fremont St.
Holmes, Henry J.,	Clerk	16 Gardner Rd.
Hopkins, Arthur F.,	Wholesale Grain	40 Scotland Rd.
Hopkins, Walter S. Jr.,	Farmer	472 Summer Ave.
Hulsman, Kenneth G.,	Civil Engineer	284 Woburn St.
Jewett, Irving F.,	Insurance	331 Summer Ave.
Jones, Charles W.,	Voicer	142 Wakefield St.
Kehoe, Edward H.,	Clerk	205 Bancroft Ave.
Keneely, Ralph S.,	Retail Salesman	189 Haven St.
Kilgore, Ernest E.,	Clerk	19 Fairview Ave.
Kimball, Walter B.,	Salesman	269 West St.
King, Chester R.,	Painter	140 Village St.
Knapp, Arthur C.,	Engineer	35 Pinevale Ave.
Knowles, Edmund F.,	Bus Driver	9 Warren Ave.
Langdon, Charles E.,	Salesman	29a Highland St.
Lyle, Robert P.,	Income Tax Acct.	364 Lowell St.
MacLellan, John J.,	Lineman	7 Harnden St.
MacLeod, Herbert W.,	Salesman	29 Vine St.
Mansfield, John E.,	Carpenter	182 Franklin St.
Mason, Philip E.,	Chemist	12 Parkview Rd.
Mathieson, Angus G.,	Candy Maker	20 Mineral St.
McKenney, Charles J.,	Clerk	18 Arlington St.
McLaughlin, James A.,	Electrician	63 Vine St.
Michellini, Ralph,	Salesman	55 Walnut St.
Miller, Herbert K.,	Salesman	443 Summer Ave.
Morand, Edouard J.,	Real Estate	259 Ash St.
Morand, Edward N.,	Salesman	386 Summer Ave.
Morrison, James P.,	Retired	35 Bancroft Ave.
Morse, Donald H.,	Salesman	18 Bond St.
Morss, Lawrence V.,	Tel. Test Man	7 Bond St.
Mount, Robert B. Jr.,	Salesman	293 Ash St.
Nordberg, Nils L.,	Bank Clerk	753 Main St.
Oldfield, Samuel T.,	Auditor	52 Temple St.
Parry, Louis A.,	Machinist	7 Orange St.
Parsons, Francis B.,	Chem. Engineer	315 Summer Ave.
Pease, George B.,	Sales Engineer	181 Summer Ave.
Perry, James,	Clerk	15 Pratt St.
Perry, Prosper R.,	Motorman	189 Green St.

Name	Occupation	Residence
Pratt, Wilfred E., Clerk		330 Summer Ave.
Quimby, Carlyle F., Real Estate		36 Dudley St.
Quinlan, John J., Mail Clerk		47 Washington St.
Richards, Homer F., Salesman		267 Summer Ave.
Richards, Stuart F., Buyer		153 Bancroft Ave.
Riley, Lester S., Manufacturer		92 Prospect St.
Roberts, Carl W., Civil Engineer		10 Deering St.
Roberts, G. Lawrence, Asst. Sales Mgr.		30 Perkins Ave.
Rudolph, John I., Salesman		18 Arlington St.
Sanders, Wilbur S., Clerical		143 Prospect St.
Sargent, Carl N., Expressman		23 Mineral St.
Sawyer, Greenfield T., Merchant		23 Howard St.
Sawyer, Kenneth E., Insp. W. U. Tel.		167 Lowell St.
Scanlon, Walter A., Clerk		331 Haven St.
Skidmore, Roy C., R. R. Clerk		69 Hanscom Ave.
Skinner, Arthur E., Broker		56 Prescott St.
Smith, Fred E., Super. Acct. Dept.		36 John St.
Smith, Ralph E., Traffic Mgr.		18 Auburn St.
Stembridge, Stanley R., Merchant		88 King St.
Stewart, Edward B., Salesman		18 School St.
Sullivan, Charles A., Shoecutter		11 Winthrop Ave.
Sullivan, Martin V. B., Wool Salesman		93 Summer Ave.
Surette, Leo A., Travelling Frt. Agt.		11 Temple St.
Taber, George A., Consulting Engineer		1000 Main St.
Taber, Wentworth D., Adm. Engineer		1002 Main St.
Tasney, Edward W. Jr., Clerk		94 Pleasant St.
Taylor, Robert, Supervisor		8 Willow St.
Torre, Frank J., Merchant		633 Main St.
Turner, Harry A., Painter		17 Highland St.
Van Buskirk, Joseph B., Real Estate Agent		72 Hanscom Ave.
Van Stone, Edward P., Manufacturer		66 West St.
Viall, Milton B., Clerk		175 Bancroft Ave.
Wade, Alfred P., Insurance Broker		259 Summer Ave.
Wait, Charles R., Architect		158 Prescott St.
Wakefield, Ernest T., Farmer		65 Wakefield St.
Wall, John T. Jr., Mail Clerk		14 Warren Ave.
Walsh, John J. Jr., Clerk		20 Sweetser Ave.
Watts, Sherburne J., Architect		7 Fremont St.
White, Walter E., Clerk		12 Linden St.
Whitehouse, Robert N., Bank Clerk		164 Pearl St.
Whitford, Herbert C., Claim Adjuster		38 Kingston St.
Wiberg, Swen O., Nurseryman		443 West St.
Widdell, John M., Clerk		8 Glen Rd.
Winchester, Laurence S., Engineer		232 West St.

## ANNUAL ELECTION

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Security Hall, Woburn St., March 6, 1939.

Pursuant to the warrant and the Constable's return thereon, a town meeting was held at the time and place specified therein and was called to order by the Moderator, Charles P. Howard. The warrant was partially read by the Town Clerk, when upon motion of J. Winthrop Sias, it was voted to dispense with further reading except the Constable's return, which was duly read.

Article 1. To bring in their votes on one ballot for Moderator for one year; Town Clerk, for one year; one member of the Board of Selectmen for three years; one member of the Board of Public Welfare, for three years; one member of the Board of Assessors for three years; Treasurer, for one year; Collector of Taxes, for one year; two members of the Board of Public Works for three years; two Constables, for one year; Tree Warden for one year; one member of the Municipal Light Board, for three years; one member of the Board of Health, for three years; two members of the School Committee, for three years; two trustees of the Public Library, for three years; one member of the Planning Board, for three years; two members of the Board of Cemetery Trustees, for three years; and also on the same ballot to bring in their votes "yes" or "no" in answer to the following question:—

"Shall the Zoning By-Law be amended by striking out said Zoning By-law with all amendments and additions thereto and establish under the authority of Section 25 of Chapter 40 of the General Laws, as amended, the Zoning By-law hereinafter set forth?"

### **Zoning By-Laws for Town of Reading As Amended**

A by-law for the promotion of the health, safety, convenience, morals or welfare of the Inhabitants of the Town of Reading, and for the purpose of lessening congestion in the streets, securing safety from fire, panic and other dangers, providing adequate light and air, preventing over-crowding of land, avoiding undue concentration of population, facilitating adequate provision of transportation, water, sewerage, schools, parks and other public requirements, and increasing the amenities of the Town, established under and pursuant to the provisions of the General Laws (Ter. Ed) Chapter forty, Section twenty-five and following, and all amendments thereto, the use, height, area, construction, repair and alteration of structures and buildings and the use of land in said Town are hereby restricted and regulated as hereinafter provided.



### Definitions

The following terms in this by-law shall have the meanings hereby assigned to them:

1. Words used in the present tense include the future; the singular number includes the plural and the plural the singular; the word "lot" includes the word "plot"; the word "building" includes the word "structure".

2. A "family" is any number of individuals living together as a single housekeeping unit.

3. A "lot" is a parcel of land occupied or designed to be occupied by one building and the accessory buildings or uses customarily incident to it, including such open spaces as are arranged and designed to be used in connection with such building.

4. A "corner lot" is a lot at the junction of and fronting on two or more intersecting streets twenty (20) feet or more in width.

5. A "dwelling" is any building used in whole or in part for human habitation.

6. A "single family dwelling" is a dwelling arranged, intended or designed to be occupied by a single family.

7. A "two family dwelling" is a house arranged, intended or designed to be occupied by two families.

8. An "apartment house" is a building arranged, intended or designed for more than two families.

9. An "accessory use" is the use of a building or premises for purposes customarily incidental to the uses permitted in the district.

10. A "non-conforming use" is one that does not conform with the regulations applying to the district in which it is situated.

11. The "height of a building" is the vertical distance measured at the center line of its principal front from the established grade or from the natural grade, if higher than the established grade, or from the natural grade if no grade has been established, to the level of the highest point of the roof beams in the case of flat roofs or roofs inclining not more than one inch to the foot, and to the mean height level between the top of the main plate and the highest ridge in the case of other roofs.

12. A "story" is that portion of a building between a floor and the ceiling next above it. Those portions of a building, the ceilings of which are not more than four (4) feet above the mean level of the finished grade at building line, shall not be counted as stories.

13. The "established grade" is the elevation of the street grade as fixed by the Town.

14. The "natural grade" is the elevation of the undisturbed natural surface of the ground adjoining the building.

15. A "front yard" is an open unoccupied space on the same lot with a building between the front line of the building and the front line of the lot and extending across the full width of the lot.

16. A "rear yard" is an open unoccupied space on the same lot with a building between the rear line of the building and the rear line of the lot and extending across the full width of the lot.

17. A "side yard" is an open unoccupied space on the same lot with a building situated between the building and the side line of the lot and extending from the front yard to the rear yard.

## PART I. DISTRICTS

Section I. **Establishment of Districts.** For the purpose of this by-law, the Town of Reading is hereby divided into seven classes of districts as follows:

1. Residence "A 1" districts. (Single Family Houses, 10,000 sq. ft. lot areas.)

2. Residence "A 2" districts. (Single Family houses, 20,000 sq. ft. lot areas.)

3. Residence "A 3" districts. (Single Family houses, 40,000 sq. ft. lot areas.)

4. Residence "B" districts. (Single and two family houses, and apartments, 10,000 sq. ft. lot areas.)

5. Business "A" districts. (Fifty foot setback required.)

6. Business "B" districts. (No setback required.)

7. Industrial districts.

Said districts are as shown, defined and bounded on the map, accompanying this by-law, entitled "Zone Map of the Town of Reading", dated May 10, 1938, signed by The Planning Board and on file with the Town Clerk. Said map and all explanatory matter thereon are hereby made a part of this by-law.

Section II. **Boundaries of Districts.** The boundaries between districts are as shown upon said Map. Where zone lines apparently follow property lines they shall be so interpreted.

Where a boundary is indicated upon a street, the line shall be the center line of the street. Where a boundary is indicated upon the main right of way of the Boston and Maine Railroad, the districts are bounded respectively upon that right of way. Where a boundary is indicated approximately parallel to a street, it shall be taken as parallel thereto. Where a district boundary line divides a lot, as existing at the time this by-law takes effect, and the major portion of said lot is in the less restricted district, the regulations relating to said less restricted district may extend to such portion of said lot as is not more than thirty (30) feet within the more restricted district. All other boundaries shall be as indicated upon the map.

### Section III.

1. Within any district, any building structure or land may be used, arranged or designed for any purpose not otherwise illegal, unless specifications prohibited or restricted set forth in the following Sections.

2. Race tracks, airports, tourist and trailer camps are specifically prohibited.

3. Commercial ball parks, commercial amusement parks, carnivals and other enterprises of a similar character are prohibited unless a permit therefor is granted by the Board of Selectmen.

## **PART II. RESIDENCE DISTRICTS**

### **Section IV. Use Regulations.**

1. In any Residence A district, the erection or use of any principal building except as a single family detached house is specifically prohibited. (See paragraph 3 of this Section.)

2. In Residence B districts the erection or use of any principle building except as a single or two-family house, or a boarding house or an apartment house, is specifically prohibited. (See paragraph 3 of this Section.)

3. Paragraphs 1 and 2 of this Section shall not apply to churches, schools, public buildings, medical and charitable institutions, and public utilities, where such services do not include storage yards, repair shops, and other accessory uses of a business or industrial character, or accessory uses which violate the provisions of Section XVI of this by-law.

4. In any residence district the erection of any building or the use of any lot or building as an office, store, or stand for the display or sale of goods, or for the rendering of services is specifically prohibited, except for the sale of natural products, other than sand, loam and gravel, raised on the premises, and of articles manufactured on the premises from such products.

5. In all residence disticts, all business and industrial enterprises, except as noted in the preceding paragraphs, are specifically prohibited.

6. In all residence districts the use of any lot or building in such a way that the resulting dust, odor, fumes, smoke, gas, wastes, refuse matter, noise, excessive vibration, danger of explosion or fire may be detrimental to a residence district is specifically prohibited.

### **Section V. Area Regulations.**

1. In Residence A 1 districts and Residence B districts no principal building shall be erected unless there be provided for each such building a lot frontage of not less than eighty (80) feet upon the frontage street and an area of not less than 10,000 square feet.

2. In Residence A 2 districts no principal building shall be erected unless there be provided for each building a lot frontage of not less than eighty (80) feet upon the frontage street and an area of not less than 20,000 square feet.

3. In Residence A 3 districts no principal building shall be erected unless there be provided for each such building a lot frontage of not less than eighty (80) feet upon the frontage street, and an area of not less than 40,000 square feet.

4. No principal building in a Residence A 1, A 2, or A 3 district shall cover more than twenty-five per cent (25%) of the lot on which it stands, and no building used for dwelling purposes in any other district shall cover more than forty per cent (40%) of the lot on which it stands.

5. Paragraphs 1, 2 and 3 of this Section shall not apply to lots of less than the required frontage and area duly recorded by plan or deed at the Registry of Deeds before this by-law is adopted. A subdivision so recorded, and consisting of not less than three lots, may be resubdivided, provided such resubdivision shall be approved by the Board of Appeal.

#### **Section VI. Height Regulations**

1. In a Residence A 1, A 2 or A 3 district, no building shall exceed two and one-half ( $2\frac{1}{2}$ ) stories or thirty-five (35) feet in height, except that a building may be three (3) stories or forty (40) feet provided there be maintained a side yard of twenty (20) feet.

2. In all Residence B districts, no building shall exceed three (3) stories or forty (40) feet in height, except that a building may be four (4) stories or fifty (50) feet provided there be maintained a side yard of twenty (20) feet.

#### **Section VII. Yard Regulations.**

1. In all Residence districts no part of a building shall extend nearer any street line than twenty (20) feet except that no building need be set back more than the average of the set-backs of the buildings on the lots adjacent thereto on either side, a vacant lot or a lot occupied by a building set back more than twenty (20) feet being counted as though occupied by a building set back twenty (20) feet; but in no case shall any part of a building extend nearer any street line than ten (10) feet.

2. No principal building in any Residence district, and no building used for dwelling purposes in any other district, shall have a side wall, except a party wall where such wall is permitted nearer to any side lot line than fifteen (15) feet; or a rear wall nearer to any rear lot line than twenty (20) feet. For each foot by which the lot is greater than one hundred (100) feet, six (6) inches shall be added and for each foot less than one hundred (100) feet, six (6) inches shall be deducted from the width of the rear yard; but no rear yard shall be required to be more than thirty (30) feet or permitted to be less than ten (10) in depth.

3. In all Residence districts all accessory buildings except garages shall be located in rear yard area and shall not be nearer than five (5) feet to a side or rear lot line, and shall not occupy more than twenty-five (25) per cent of the required rear yard area. Garages, if located in rear or side yards, shall comply with these requirements.

Garages, if located in front yard area, shall not extend nearer to the street than the setback required for a principal building on said lot.

### PART III. BUSINESS DISTRICTS

#### Section VIII. **Use Regulations.**

1. Within Business district, all manufacturing and industrial enterprises together with their accessories, except as they are clearly incidental to a retail business lawfully conducted on the premises, are specifically prohibited, provided that such manufacturing as is permitted shall not give rise to dust, odor, fumes, smoke, gas, wastes, refuse matter, noise or excessive vibrations, to danger of explosion or fire or be otherwise detrimental to a business district.

Section IX. **Building Area.** In a Business district, no new buildings or structure shall be built and no existing building shall be enlarged so that it covers more than eighty-five (85) per cent of the lot on which it stands.

Section X. **Height Regulations.** In a Business district no building shall exceed four (4) stories or forty-five (45) feet in height.

#### Section XI. **Yard Regulations.**

##### 1. **Front Yards.**

Where a business "B" district adjoins a residential district on the street line, no new building and no alteration or extension of an existing building shall be erected in said business district nearer than five (5) feet to such street line for a distance of eighty (80) feet measured along the street line from the boundary line between the zones.

In a business "A" district, no part of a building or structure shall extend nearer the property line on the frontage street than fifty (50) feet, or nearer any other street line than twenty (20) feet.

2. **Side Yards.** In any Business district, no building on a lot adjoining on the side any residential district shall extend nearer the boundary line of such residential district than ten (10) feet.

3. **Rear Yards.** In any Business district, no building on a lot adjoining, on the rear, any residential district shall have any part of its exterior wall above the first story nearer to the boundary line of such residential district than fifteen (15) feet. (For yard exceptions see Section XX.)

### PART IV. INDUSTRIAL DISTRICTS

#### Section XII. **Use Regulations.**

1. In an Industrial District no building or premises shall be used for any other purpose which is injurious, obnoxious, or offensive to a neighborhood by reason of noise, smoke, odor, gas, dust or other objectionable feature, or is dangerous to a neighborhood on account of fire or any other cause.

2. No new buildings shall be constructed or used for dwelling purposes, and no existing building shall be altered, enlarged, or extended for use as a residence or apartment house.



Section XIII. **Building Area.** In an Industrial district no new building or structure shall be erected, and no existing building shall be enlarged so that it covers more than eighty-five (85) per cent of the lot on which it stands.

Section XIV. **Height Regulations.** In an Industrial district no building shall exceed four (4) stories or sixty (60) feet in height.

Section XV. **Yard Regulations.** In an Industrial district the yard requirements shall be as specified in Section XI for Business Districts.

#### PART V. GENERAL PROVISIONS

##### Section XVI. **Accessory Uses.**

1. Accessory uses shall be permitted which do not alter the character of the premises on which they are located and are not injurious, noxious or offensive to the neighborhood.

2. Subject to the provisions of paragraph 1 of this Section, the following shall be considered as accessory uses in a Residential district:

a. The use of a room or rooms in a dwelling in a Residence district as an office or studio or working room for home occupations by a person resident in the house provided that no goods are publicly displayed or offered for sale. No sign over one square foot in area shall be permitted.

b. The renting by a family living in a dwelling in a Residence district, of rooms and the furnishing of table board.

##### Section XVII. **Non-conforming Uses.**

1. A non-conforming use is a use incompatible with the regulations for the use district in which it exists.

2. Any building, part of a building or premises which, at the time this by-law takes effect, is being put to a non-conforming use may be:

(a) Continued in that use.

(b) Altered or extended for that use only upon a permit by the Board of Appeal, or as ordered by the Building Inspector to make such building or premises safe.

(c) Changed to a more restricted use; **provided** that when so changed it shall not be returned to a less restricted use.

(d) Abandoned under the conditions set forth in paragraph 3 of this section.

3. The discontinuance of the non-conforming use of any premises for the period of two years shall be deemed to constitute abandonment of such use, and the use of such premises thereafter shall be in accordance with the regulations and restrictions herein provided for uses originating after this by-law takes effect.

Section XVIII. **Height Exceptions.** Parapets and cornices which do not extend more than four (4) feet above the highest point of the roof beams, enclosures for the machinery of elevators or for tanks which do not exceed ten (10) feet in height; chimneys, ventilators, skylights, or other features usually carried above roofs; domes, towers or



spires, if such features are in no way for human occupancy; and ornamental towers, observation towers, water towers, windmills, and like structures, which occupy less than twenty-five (25) per cent of the lot area, may extend above the height limits herein prescribed.

**Section XIX. Yard Exceptions.** Projecting eaves, chimneys, bay windows, balconies and like projections, which do not project more than three and one-half ( $3\frac{1}{2}$ ) feet beyond the line of the foundation wall, and unenclosed steps, unroofed porches and the like, which do not extend nearer to the party line than ten (10) feet and the top of the rail of which is not more than six (6) feet above ground, may extend beyond the minimum yard requirements herein prescribed.

**Section XX. Access to Business or Industrial Buildings.** No driveway or other means of access for vehicles, other than an accepted street, shall be maintained or used in any Residence district for the servicing of a commercial or industrial building located in a Business or Industrial District.

**Section XXI. Reduction of Area.** No lot shall be changed in size or shape so that the height, area, yard, or coverage provisions herein prescribed are no longer satisfied. This section shall not apply where a portion of a lot is acquired for a public purpose.

## PART VI. ADMINISTRATION AND ENFORCEMENT

### Section XXII.

1. The Inspector of Buildings, or other municipal officer or officers, shall require of every applicant for a license or permit for any construction, alteration or use of any building, structure or premises, for which a permit or license is by law required, such written information, plans, specifications and other data as shall be deemed necessary for the full and accurate exposition of the proposed construction, alteration or use, with relation to the requirements of this by-law. Such material, so required, shall be kept on file in the records of the officer or officers to whom it is submitted.

2. The Inspector of Buildings, appointed under the building laws, shall not grant a permit for the construction or alteration of any building or structure, if the building or structure as constructed or altered would be in violation of any provisions of this by-law. No municipal officer shall grant any permits or license for the use of buildings, structures, or land which use would be in violation of any provision of this by-law. Whenever such permit or license is refused because of some provisions of this by-law, the reason therefor shall be clearly stated in writing.

3. The Board of Appeal, established under the Building Laws of the Town, shall constitute the Board of Appeal under this by-law, and shall have the powers and duties provided for herein and as prescribed by G. L. (Ter. Ed.) Chapter 40, and all amendments thereto.

4. The Inspector of Buildings with the approval of the Selectmen

may, and if required by them, shall institute appropriate legal proceedings to enforce this by-law and to restrain by injunction any violation thereof.

Section XXIII. **Penalty.** Any person or persons, who violates any provisions of this by-law shall forfeit a sum not to exceed twenty-dollars for each offense, which shall be recovered as provided by law and shall enure to the Town.

Section XXIV. **Interpretation and Validity.**

1. Nothing in this by-law shall be construed as repealing or modifying any existing by-law or regulation of the Town, but shall be in addition thereto.

2. Any provisions of this by-law shall be determined to be invalid, the remaining provisions of the by-law not manifestly inseparable from the invalid provisions shall continue in force.

Section XXV. This by-law shall take effect upon its approval by the Attorney General and publication according to law.

**Moderator, One Year**

Charles P. Howard, 186 Summer Avenue .....	1960
Blanks .....	265

**Town Clerk, One Year**

Millard F. Charles, 86 Bancroft Avenue .....	1675
Paul F. Mellen, 7 Winthrop Avenue .....	491
Blanks .....	59

**Selectman, Three Years**

Robert E. Fowle, 3 Perkins Avenue .....	1895
Gardner A. Perry, 75 Locust Street .....	1
Charles S. Hasty, 46 Temple Street .....	1
Blanks .....	328

**Board of Public Welfare, Three Years**

Reuben C. Erickson, 34 Willow Street .....	950
Albert L. Wellman, Jr., 28 Fairview Avenue .....	1057
Blanks .....	218

**Assessor, Three Years**

Edgar Frost, 59 Oak Street .....	1442
Edouard J. Morand, 259 Ash Street .....	668
Blanks .....	115

**Treasurer, One Year**

Preston F. Nichols, 68 Linden Street .....	1992
Blanks .....	233

**Tax Collector, One Year**

Roy C. Skidmore, 69 Hanscom Avenue .....	464
Grace V. Viall, 52 Bancroft Avenue .....	1674
Blanks .....	87

### Board of Public Works, Three Years

Nathaniel Coles, 136 Woburn Street .....	338
Wendell P. Davis, 155 Woburn Street .....	1354
Edward H. Emerson, 1457 Main Street .....	759
Alexander Lindsay, 33 Auburn Street .....	1100
Andrew A. Zanni, 658 Main Street .....	433
Blanks .....	466

### Tree Warden, One Year

Henry M. Donegan, 21 Federal Street .....	1883
Blanks .....	342

### Constables, One Year

Leon G. Bent, 767 Main Street .....	1641
Walter C. Powers, 71 Harrison Street .....	762
J. Winthrop Sias, 43 Salem Street .....	1531
Blanks .....	516

### Municipal Light Board, Three Years

Herbert G. Evans, 54 Howard Street .....	1899
Blanks .....	326

### Board of Health, Three Years

Christine F. Atkinson, 68 Washington Street .....	1914
Blanks .....	311

### School Committee, Three Years

Margaret S. Canty, 67 Mineral Street .....	1853
Charles R. Wakeling, 25 Linden Street .....	1895
Blanks .....	702

### Trustees Public Library, Three Years

Louis M. Lyons, 24 Vale Road .....	1897
Helen P. Tirrell, 797 Main Street .....	1867
Blanks .....	686

### Trustees Cemeteries, Three Years

Harry C. Barr, 33 Highland Street .....	1857
Harold F. Davis, 17 Forest Glen Road .....	1895
Blanks .....	698

### Planning Board, Three Years

A. Lloyd David, 70 Howard Street .....	1114
Dana F. Perkins, 75 Deering Street .....	823
Blanks .....	288

### Amendment of Zoning By-Law

Yes .....	654
No .....	728
Blanks .....	843

Voted to adjourn.

MILLARD F. CHARLES, Town Clerk.

## ANNUAL TOWN MEETING

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Security Hall, Woburn Street, March 13, 1939.

The meeting was called to order by the Moderator, Charles P. Howard. In the absence of the Town Clerk, Samuel H. Davis was duly elected Temporary Clerk.

Article 2. To hear and act on the reports of the Board of Selectmen, Town Accountant, Treasurer, Collector of Taxes, Board of Assessors, Board of Public Works, Town Clerk, Tree Warden, Board of Health, Board of Public Welfare, School Committee, Public Library Trustees, Municipal Light Board, Cemetery Trustees, Planning Board, Finance Committee and any other Boards and Special Committees.

Article 2. On motion of Carl W. Goodridge, it was voted to lay Article 2 on the table.

Article 3. To choose all other necessary town officers and special committees and determine what instructions shall be given town officers and special committees.

Article 3. On motion of Carl W. Goodridge, it was voted that the following be chosen to serve as Measurers of Lumber for the ensuing year: Ora L. Milbury, Burton K. Symonds, William R. Zwicker, Edward A. Brophy; and that the following be chosen to serve as Measurers of Wood and Bark: Percy N. Sweetser, Burton K. Symonds, Thomas F. Brogan.

Article 19. To see if the Town will vote to appropriate a sum of money from the Highway Fund, provided by Chapter 2 of the Acts of 1939, for any purposes authorized by said chapter.

Board of Public Works.

Article 19. On motion of Wendell P. Davis, it was voted to take up this article.

Article 19. On motion of Wendell P. Davis, it was voted that the sum of twelve thousand two hundred and eighty-eight dollars and seventy-three cents (\$12,288.73), be appropriated from the Highway Fund as provided by Chapter 2, Acts of 1939, and expended for any of the purposes authorized by said Chapter.

Article 4. To determine how much money the Town will raise and appropriate for General Government, Protection of Persons and Property, Health and Sanitation, Board of Public Works, including Highways, Sidewalks, Drainage, Common Parks and Supervised Play, Water Department and Sewer Department, Charities and Aid, Soldiers' Benefits, Public Schools, Public Library, Cemeteries, Memorial Day Observance, Municipal Light Department, Street Lighting, Maturing Debt, Interest, Insurance and General Accounts.

Article 4. On motion of Carl W. Goodridge, it was voted that the sum of \$27,173.00 be raised and appropriated for **General Government** as follows:

Selectmen's Expenses .....	\$ 600.00§
Selectmens' Clerical .....	1,310.00
Town Accountant's Salary .....	2,000.00
Treasurer's Salary .....	1,200.00
Treasurer's Expenses .....	700.00
Treasurer's Clerical .....	350.00
Collector's Salary .....	2,300.00*
Collector's Expenses .....	1,050.00
Collector's Clerical .....	650.00
Assessors' Salaries .....	1,800.00
Assessors' Expenses .....	1,300.00
Assessors' Clerical .....	2,444.00
Block System Survey .....	250.00
Town Counsel's Salary .....	1,000.00
Town Counsel's Expenses .....	400.00
Town Clerk's Salary .....	350.00
Town Clerk's Expenses .....	600.00
Registrars' Salaries .....	315.00
Election and Registration Expenses .....	750.00
Planning Board Expense .....	850.00
Miscellaneous Expense .....	3,500.00§
Municipal Building Maintenance .....	2,300.00
Registrars' Expense .....	1,154.00

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\$ 27,173.00

\*Fees to Treasurer

§Including travel outside of state

On motion of Carl W. Goodridge, it was voted that the sum of \$90,878.76 be raised and appropriated for Protection of Persons and Property as follows:—

Police Dept. Salaries .....	\$ 36,200.00
Police Dept. Maintenance .....	4,300.00
Police Station Maintenance .....	1,400.00
Fire Department, Salaries .....	19,857.76
Fire Department Call Men .....	3,546.00
O. O. Ordway, Pension .....	1,300.00
Fire Department, Maintenance .....	3,740.00
Fire Stations, Maintenance .....	1,260.00
Fire Alarm, Maintenance .....	1,625.00
Fire Alarm, New Boxes .....	400.00
Fire Alarm, Extension .....	1,000.00
Hydrant Rentals .....	5,600.00
Moth Department .....	5,400.00
Tree Warden, Maintenance .....	3,400.00
Inspector of Buildings, Salary .....	500.00

Inspector of Wires, Salary .....	200.00
Sealer of Weights and Measures, Salary .....	500.00
Sealer of Weights and Measures, Expenses .....	250.00
Game Warden, Salary .....	100.00
Dog Officer, Salary .....	300.00
	<hr/>
	\$ 90,878.76

Article 4. On motion of Carl W. Goodridge, it was voted that the sum of \$11,140.25 be raised and appropriated for Health and Sanitation as follows:

Board of Health, Salaries .....	\$ 300.00
Board of Health, Expenses .....	225.00
Inspector of Plumbing, Salary .....	565.25
Inspector of Animals, Salary .....	200.00
Inspector of Milk and Food, Salary .....	200.00
Care of Contagious Diseases .....	6,500.00
Garbage Collection .....	2,500.00
Dental Clinic .....	650.00
	<hr/>
	\$ 11,140.25

Article 4. On motion of Wendell P. Davis, it was voted that the sum of one hundred thirty-seven thousand seven hundred and thirty-five (\$137,735.00) dollars be raised and appropriated for the Board of Public Works as follows:

Salaries, Office Supplies and Expenses .....	\$ 6,335.00
Repairs, construction and maintenance of highways, setting curb, purchase or otherwise acquiring land for sand and gravel purposes, purchase of materials, tools and equipment, and any other incidental expenses pertaining thereto, of which amount the sum of \$12,288.73 shall be appropriated by transferring the appropriation of the Highway Fund made under Article 19 .....	45,125.00
Removal of Snow and Ice .....	7,000.00
Sidewalk Construction and Maintenance .....	7,000.00
Maintenance of Storm Drains .....	2,000.00
Park Dept and Common Maint. and Supervised Play ....	4,500.00
Drinking Fountains .....	100.00
Connecting Estates with the Common Sewer .....	1,200.00
Maint., operation and construc. of Water Works, payment of water bonds and int. incl. travel outside the State of which amount the sum of \$4,022.91 shall be appropriated to provide for the reimbursement of the deficit in the Water Dept. for the year 1938 .....	53,000.00
Maint., oper. and extension of the Sewer System, payment of	



int. on sewer bonds .....	11,475.00
	<hr/>
	\$137,735.00

Article 4. On motion of Wendell P. Davis, it was voted that the sum of thirteen thousand (\$13,000.00) dollars be raised and appropriated to be expended by the Board of Public Works for the employment of labor for the construction and maintenance of highways, sidewalks, drainage, common, parks, water works and sewers.

Article 4. On motion of Carl W. Goodridge, it was voted that the sum of \$15,200.00 be raised and appropriated for Soldiers' Benefits, as follows:

State Aid .....	\$ 800.00
Military Aid .....	900.00
Soldiers' Relief .....	13,500.00
	<hr/>
	\$ 15,200.00

Article 4. On motion of Kittie M. Bangs, it was voted that the sum of one hundred and sixteen thousand, eight hundred and forty dollars be raised and appropriated for Charities and Aid as follows:

General Aid .....	\$ 42,000.00
General Aid, Administrative .....	5,000.00
Aid to Dependent Children .....	21,000.00
Aid to Dependent Children, Administrative .....	840.00
Old Age Assistance .....	45,500.00
Old Age Assistance, Administrative .....	2,500.00

Article 4. On motion of Henry R. Johnson, it was voted that there be included in the tax levy for electricity used for street lights, the sum of fourteen thousand dollars, and that said sum and the income from sales of electricity to private consumers and for electricity supplied for municipal power, and from sales of appliances and jobbing during the current fiscal year, be appropriated for the Municipal Lighting Plant, and that the sum of twelve thousand dollars be appropriated from the said receipts of the department for the sale, installation and servicing or merchandise, equipment, utensils and chattels, as provided in Section 34 of Chapter 164 of the General Laws, said appropriations to be expended by the Manager of Municipal Lighting, under the direction and control of the Municipal Light Board, for the expense of the plant, including the sale, installation and servicing of merchandise, equipment, utensils and chattels, as defined in Chapter 164 of the General Laws, or any amendments thereof or additions thereto, and that if said sum and said income shall exceed said expense for said fiscal year, twenty-four thousand dollars shall be turned over to the Town Treasurer out of the profits of the Municipal Light Department, and the balance shall be transferred to the Construction Fund of said plant and appropriated and used for such additions thereto as may be auth-

orized by the Municipal Light Board.

Article 4. On motion of Frank D. Tanner, it was voted that the sum of \$249,222.00 be raised and appropriated for the School Department, divided as follows:

General Salaries .....	\$191,479.00
General Maintenance, including travel outside of State ....	44,393.00
Industrial Tuition .....	1,350.00
School Lunches, Cafeterias .....	12,000.00

Article 4. On motion of Louis M. Lyons, it was voted that the Town raise and appropriate \$8,925.00 for the support of the town library for the ensuing year:

Salaries .....	\$ 5,550.00
Maintenance .....	3,375.00

Article 4. On motion of Clarence C. White, it was voted that the sum of nine thousand (\$9,000.00) dollars be raised and appropriated for Cemeteries, eight thousand (\$8,000.00) dollars to be expended for maintenance, care and development of Laurel Hill Cemetery and one thousand (\$1,000.00) dollars for maintenance, care and development of Forest Glen Cemetery, including travel outside the State.

Article 4. On motion of Carl W. Goodridge, it was voted that the sum of \$600.00 be raised and appropriated for Memorial Day Observance, to be expended under the direction of Post No. 62, American Legion.

Article 4. On motion of Carl W. Goodridge, it was voted that the sum of \$6,093.50 be raised and appropriated for interest not including Water Light and Sewer.

Article 4. On motion of Carl W. Goodridge, it was voted that the sum of \$53,600.00 be raised and appropriated for Maturing Debt not including Water and Light.

Article 4. On motion of Carl W. Goodridge, it was voted that the sum of \$11,979.08 be raised and appropriated for Insurance.

Article 4. On motion of Carl W. Goodridge, it was voted to lay Article 4 on the table.

Article 5. To see if the Town will vote to authorize the Town Treasurer, with the approval of the Selectmen, to borrow money from time to time in anticipation of the revenue of the financial year beginning January 1, 1940, and to issue a note or notes therefor payable within one year, and to renew any note or notes as may be given for a period of less than one year in accordance with Section 17, Chapter 44, General Laws.  
Town Treasurer.

Article 5. On motion of Preston F. Nichols, it was voted that the Town Treasurer with the approval of the Selectmen be and hereby is authorized to borrow money from time to time in anticipation of the revenue of the financial year beginning January 1, 1940 and to issue a note or notes therefor payable within one (1) year, and to renew any

note or notes as may be given for a period of less than one (1) year in accordance with Section 17 of Chapter 44 of the General Laws.

Article 6. To see what sum the Town will raise and appropriate for the purpose of foreclosing in the Land Court pursuant to provisions of Section 65 of Chapter 60 of the General Laws, the right of redemption to any and all real estate taken by the Town for non-payment of taxes, or what it will do in relation thereto.

Town Treasurer.

Article 6. On motion of Preston F. Nichols, it was voted that the sum of five hundred dollars (\$500.00) be raised and appropriated for the purpose of perfecting titles in the Land Court by foreclosure of all rights of redemption to real estate taken by the Town for non-payment of taxes previous to the year 1938, and the Town Treasurer be and he hereby is authorized and empowered to take all necessary proceedings to perfect such titles in the Land Court.

Article 7. To see what sum the Town will raise and appropriate for the Reserve Fund as provided by Section 6, Chapter 40, General Laws, or what it will do in relation thereto.

Town Accountant.

Article 7. On motion of Leon G. Bent, it was voted that the sum of five thousand dollars (\$5,000.00) be raised and appropriated for the Reserve Fund as provided by Section 6, Chapter 40, General Laws.

Article 8. To see what sum the Town will raise and appropriate for the payment of unpaid bills of 1938, or what it will do in relation thereto.

Town Accountant

Article 8. On motion of Leon G. Bent, it was voted that the sum of one thousand nine hundred dollars (\$1,900.00) be raised and appropriated for the payment of unpaid bills of 1938.

Article 9. To see if the Town will vote to raise and appropriate the sum of six hundred dollars (\$600.00) for the care of graves of any persons who have served in the Army, Navy or Marine Corps of the United States, in time of war or insurrection, and who have been honorably discharged from such service, as provided by Section 22, Chapter 115, General Laws, or what it will do in relation thereto.

Board of Selectmen.

Article 9. On motion of Carl W. Goodridge, it was voted that the sum of six hundred dollars (\$600.00) be raised and appropriated for the care of graves of any persons who have served in the Army, Navy, or Marine Corps of the United States, in time of war or insurrection, and who have been honorably discharged from such service, as provided by Section 22, Chapter 115, General Laws.

Article 10. To see if the Town will appropriate a sum sufficient to pay the County of Middlesex as required by law on account of assessments levied on the town for its share of the principal of the Middlesex

County Tuberculosis Hospital Funding Loan, Act of 1932 bonds maturing in 1939, issued in compliance with Chapter 10, Acts of 1932, also for any other indebtedness incurred and outstanding under said Chapter 10, also for the town's share of the cost and interest on said bonds due in 1939, also for the care, maintenance, and repair of said Hospital for 1938 and including interest on temporary notes issued therefor in accordance with sections of Chapter 111 of the General Laws applicable therefor, and for all other expenses in connection therewith, including Chapter 400, Section 25G (6) (a) of the Acts of 1936, determine how the money shall be raised, or in any way act thereon.

Board of Selectmen.

Article 10. On motion of Carl W. Goodridge, it was voted that the sum of \$3,000.00, this being the town's share of the principal of the Middlesex County Tuberculosis Hospital Funding Loan, Acts of 1932, bonds maturing in 1939, be and the same is hereby appropriated, and that a further sum of \$446.25 be and hereby is appropriated on account of interest and other charges on account thereof. That a further sum of \$4,371.17 be and hereby is appropriated for the town's share of the net cost of care, maintenance, and repairs of the Middlesex County Hospital, including interest on temporary notes issued therefor, in accordance with Sections of Chapter 111 of the General Laws, applicable thereto, including Chapter 400, Section 25G (6) (a) of the Acts of 1936.

Total ..... \$ 7,817.42

Article 11. To see what sum the Town will raise and appropriate to balance overdraft in the Snow and Ice Account, or what it will do in relation thereto.

Town Accountant.

Article 11. On motion of Leon G. Bent, it was voted that the sum of eight hundred and forty-four dollars and ten cents (\$844.10) be raised and appropriated to balance the overdraft in Snow and Ice Account.

Article 12. To see if the Town will vote to authorize and direct the Board of Assessors to use an amount of available free cash not exceeding fifteen thousand dollars (\$15,000.00) in computing the tax rate of 1939, or what it will do in relation thereto.

Town Accountant.

Article 12. On motion of Leon G. Bent, it was voted that the Town authorize the Board of Assessors to use the sum of \$15,000.00 of Excess and Deficiency Account in fixing the tax rate of 1939, provided such sum is approved in accordance with Section 3 of Chapter 428 of the Acts of 1931.

Article 13. To see what sum the Town will vote to raise by borrowing or otherwise, and appropriate for the purchase of a ladder truck for the Fire Department, or what it will do in relation thereto.

Board of Selectmen.

Article 13. On motion of Carl W. Goodridge to indefinitely postpone this article, Mr. Ernest Brown amended the motion to postpone this article until the Annual Town Meeting of March, 1940, and it was so voted.

Article 14. To see what sum the Town will vote to raise by borrowing or otherwise, and appropriate for W. P. A. expense, including Administrative, Truck Hire, Equipment and Materials, or what it will do in relation thereto.

Board of Selectmen.

Article 14. On motion of Carl W. Goodridge, it was voted to indefinitely postpone this article.

Article 15. To see what action the Town will take regarding the installation of additional street lights on the public streets during the year 1939, or what it will do in relation thereto.

Municipal Light Board.

Article 15. On motion of Henry R. Johnson, it was voted that the subject matter of Article 15 be referred to the Municipal Light Board, and that said Board be and it hereby is authorized to install such additional street lights as in its judgment are required and to make such changes in the type, size and location of existing street lights as it may deem advisable, the expense of same to be paid from the income of the plant.

Article 16. To see what sum the Town will raise by borrowing or otherwise and appropriate, for the acquisition by purchase, eminent domain, lease or otherwise of land and buildings suitable for providing quarters for the offices and show rooms of the Electric Light Department and the remodeling, repair or improvement of any buildings or structures so acquired, or what it will do in relation thereto.

Municipal Light Board.

Article 16. On motion of Henry R. Johnson for reference to Municipal Light Board for further study and report, Robert B. Mount moved to amend the motion of Mr. Johnson by substituting therefor the following:—

“Moved that the Municipal Light Board of this town be and they hereby are authorized and empowered to renew the expired lease between the town and Martin B. Hartshorn covering the premises at number 177B Main Street, Reading, Mass., as suitable quarters for the offices and showroom of the Electric Light Department, such extension to be for a term of three years and at an annual rental of three (3%) per cent net of its cost price of \$18,970.97, such rental to be paid from the income of the Municipal Lighting Plant.

On a standing vote, ninety (90) voted in favor of the amendment and forty-four (44) against so that the amendment was carried.

Article 17. To see what sum the Town will raise by borrowing or otherwise and appropriate for the purchase of materials and equipment



to be used in co-operation with the Federal Government for a W. P. A. project for the extension of the underground system of the Municipal Light Plant on the following streets: High Street from Woburn Street to Lowell Street; Lowell Street from High Street to Grove Street; Linden Street from Haven Street to Woburn Street; Woburn Street from Linden Street to Sanborn Street; Sanborn Street from Haven Street to Lowell Street; or what it will do in relation thereto.

Municipal Light Board.

Article 17. On motion of Henry R. Johnson that the Municipal Light Board be authorized and empowered to extend and enlarge the Municipal Light Plant by the installation of underground ducts and cables, including the necessary manholes and service connections and remove the overhead distribution wires, on the following streets: High Street from Woburn Street to Lowell Street; Lowell Street from High Street to Grove Street; Linden Street from Haven Street to Woburn Street; Woburn Street from Linden Street to Sanborn Street; Sanborn Street from Haven Street to Lowell Street and that there be raised and appropriated the sum of fifteen thousand (\$15,000.00) dollars for the purchase of materials and equipment necessary for the above purposes, such appropriation to be used in co-operation with the Federal Government for a W. P. A. project and to be expended by the Manager of Municipal Lighting under the direction and control of the Municipal Light Board, and that the Treasurer be and hereby is authorized and directed, with the approval of the Selectmen, to borrow said sum of fifteen thousand dollars, and to issue therefor bonds or notes of the town, such bonds or notes to be payable in accordance with the provisions of Chapter 44 of the General Laws and all amendments thereof and additions thereto so that the whole loan shall be payable in not more than twenty years from the date of the first bond or note issued or at such earlier date as the Treasurer and Selectmen may determine.

One hundred thirty (130) voted in the affirmative and none (0) in the negative making in an unanimous vote.

Article 18. To see what sum the Town will vote to appropriate from the Cemetery Reserve for the permanent development of Laurel Hill Cemetery, or what it will do in relation thereto.

Cemetery Trustees.

Article 18. On motion of Clarence C. White, it was voted that the Town appropriate from the Cemetery Reserve Fund receipts from the sale of lots and graves in Laurel Hill Cemetery, the sum of eleven hundred (\$1,100.00) dollars for the maintenance, care, improvement and embellishment of Laurel Hill Cemetery, under the provisions of Section 15 of Chapter 114 of the General Laws.

Article 20. To see what sum the Town will raise and appropriate for



the purchase of equipment for use by the Board of Public Works, or what it will do in relation thereto.

Board of Public Works.

Article 20. On motion of Wendell P. Davis, it was voted that the sum of eight thousand (\$8,000.00) dollars be raised and appropriated for the purchase of equipment for use by the Board of Public Works.

Article 21. To see what sum the Town will raise and appropriate for the further development of Storm Water Drainage, or what it will do in relation thereto.

Board of Public Works.

Article 21. On motion of Wendell P. Davis, it was voted that the sum of six thousand five hundred (\$6,500.00) dollars be raised and appropriated for the further development of Storm Water Drainage.

Article 22. To see what sum the Town will raise and appropriate for the maintenance of the Town Dump on John Street, or what it will do in relation thereto.

Board of Public Works.

Article 22. On motion of Wendell P. Davis, it was voted that the sum of one thousand two hundred (\$1,200.00) dollars be raised and appropriated for the care and maintenance of the Town Dump on John Street.

Article 23. To see what sum the Town will raise and appropriate for the purpose of improving and constructing Charles Street from the property line of Main Street toward Haverhill Street, under Section 34, Chapter 90 of the General Laws, together with such sums as may be provided by the State and County, or what it will do in relation thereto.

Board of Public Works.

Article 23. On motion of Wendell P. Davis, it was voted that the sum of four thousand five hundred dollars (\$4,500.00) be raised and appropriated for the purpose of improving and constructing Charles Street from Main Street toward Haverhill Street, together with such sums as may be allotted by the State and County under Section 34, Chapter 90 of the General Laws.

Article 24. To see what sum the Town will raise and appropriate for the purpose of improving and constructing Lowell Street from the end of the 1938 construction on Lowell Street toward Reading Square, under Section 34, Chapter 90 of the General Laws, together with such sums as may be provided by the State and County, or what it will do in relation thereto.

Board of Public Works.

Article 24. On motion of Wendell P. Davis, it was voted that the sum of four thousand five hundred dollars (\$4,500.00) be raised and appropriated for the purpose of improving and constructing Lowell Street from the end of the 1938 construction on Lowell Street toward Reading Square, together with such sums as may be allotted by the

State and County under Section 34, Chapter 90 of the General Laws.

Article 25. To see what sum the Town will raise and appropriate for the purpose of improving and constructing Washington Street from Main Street toward High Street, or what it will do in relation thereto.

Board of Public Works.

Article 25. On motion of Wendell P. Davis, it was voted that the sum of one thousand five hundred (\$1,500.00) dollars be raised and appropriated for the purpose of improving and constructing Washington Street from Main Street toward High Street.

Article 26. To see if the Town will vote to authorize the Board of Public Works to petition the General Court for enabling legislation by amendment of Chapter 314 of Acts of 1909 or otherwise, so as to provide that the actual cost of construction of particular sewers with the common sewer shall constitute a lien upon the real estate using the sewer with power to apportion the same over a period not exceeding ten years, and to ratify and confirm any action of the Board or the members thereof in connection therewith, or what it will do in relation thereto.

Board of Public Works.

Article 26. On motion of Harold W. Putnam, it was voted that the Board of Public Works be and they hereby are authorized and empowered to petition the General Court for enabling legislation by Amendment of Chapter 314 of the Acts of 1939 or otherwise, so as to provide that the actual cost of construction of connecting particular sewers with the common sewer shall constitute a lien upon the real estate using the sewer, with power to apportion the same over a period not exceeding ten years and that any previous action of the Board or the members thereof in connection with the filing of such petition be and the same hereby is ratified and confirmed.

Article 27. To see if the Town will vote to accept the report of the Board of Public Works upon the laying out as a public highway of a private way known as Prospect Street, under the provisions of law authorizing the assessment of betterments, such highway being laid out in accordance with plan duly approved by the Board of Survey and filed in the office of the Town Clerk, in accordance with the statutory requirements, and to see if the Town will accept the public way laid out by the Board of Public Works as Prospect Street, and to raise and appropriate for the said laying out and the construction of said way the sum of four hundred and eighty dollars (\$480.00), or what it will do in relation thereto.

Board of Public Works.

**Commonwealth of Massachusetts**

Middlesex ss.

Town of Reading

Report of the Board of Public Works on the Laying Out of Prospect Street.

The Board of Public Works of the Town of Reading, having determined and adjudged that common convenience and necessity require the laying out of a town way under the provisions of law authorizing the assessment of betterments, substantially in the location hereinafter described, having complied with all requirements of law relating to notice to owners of the land thereof and of a hearing thereon, and having met at the time and place appointed for such hearing and then and there heard all persons present who desired to be heard, have laid out as a town way for the use of the town running Northerly from a Public Town Way now known as Prospect Street, substantially as and in the location of a portion of the private way known as Prospect Street Extension, the boundaries and measurements of said way as so laid out are as follows:

Beginning at a Stone bound in the Westerly sideline of said Prospect Street, said bound marking the Northerly terminus of the Westerly sideline of Prospect Street as accepted as a Town way March 7, 1927, and being N. 15 degrees—04' W., a distance of 208.48 feet measured along the said Westerly sideline of Prospect Street, from a stone bound marking a point of tangent to a curve on the northerly sideline of Longview Road;

Thence N. 15 degrees—04' W., by lands of Melville F. Weston and Marion Weston, a distance of 184.00 feet to a point;

Thence turning and running N. 74 degrees—56' W., across the Northerly extremity of this layout, a distance of 49.50 feet to a point on the Easterly sideline of this layout;

Thence turning and running S. 15 degrees—04' E., by lands of Nellie K. Brown and a portion of a private way known as Woodbine Street, a distance of 184.00 feet to a point;

Thence turning and running S. 74 degrees—56' W., by the Northerly extremity of said acceptance of Prospect Street, dated March 7, 1927, a distance of 49.50 feet to the stone bound marking the point of beginning.

The above-described lines being fully shown on a Plan entitled "Prospect Street, Reading, Mass." dated, February, 1939, Board of Public Works, Philip Welch, Superintendent, said plan being a part of this description.

We determine that no damages will be sustained by any person or persons in their property by reason of the taking to be made for this improvement. All acts in connection with said laying out are done

under the provision of law authorizing the assessment of betterments, and betterments are to be assessed therefor.

This laying out so made by us, we hereby report to the Town for acceptance and recommend that said way shall thereafter be known as a Public Town Way and named Prospect Street, and that the sum of four hundred and eighty (\$480.00) dollars be raised and appropriated for said laying out and for the construction of the said way.

ALEX. LINDSAY  
HAROLD W. PUTNAM  
WENDELL P. DAVIS  
EDWARD A. BROPHY

Members of the Board of Public Works of Town of Reading.

On motion of Wendell P. Davis, it was voted that the Town accept the report of the Board of Public Works on the laying out as a public way of a private way known as Prospect Street and adopt the recommendations contained therein, and that the sum of four hundred eighty (\$480.00) dollars be raised and appropriated for the laying out and construction of the said way.

Article 28. To see if the Town will vote to accept the report of the Board of Public Works upon the laying out as a public highway of a private way known as Belmont Street, under the provision of law authorizing the assessment of betterments, such highway being laid out in accordance with plan duly approved by the Board of Survey and filed in the office of the Town Clerk, in accordance with the statutory requirements, and to see if the Town will accept the public way laid out by the Board of Public Works as Belmont Street, and to raise and appropriate for the said laying out and the construction of said way the sum of eight hundred and ninety-six dollars (\$896.00), or what it will do in relation thereto.

Board of Public Works.

Article 28.

#### **Commonwealth of Massachusetts**

Middlesex ss.

Town of Reading.

Report of the Board of Public Works on the Laying Out of Belmont Street.

The Board of Public Works of the Town of Reading, having determined and adjudged that common convenience and necessity require the laying out of a town way under the provisions of law authorizing the assessment of betterments, substantially in the location hereinafter described, having complied with all requirements of law relating to notice to the owners of land thereof and of a hearing thereon, and having met at the time and place appointed for such hearing, and then and there heard all persons present who desired to be heard, have laid out as a town way for the use of the town running Northerly from a

public town way now known as Orange Street, substantially as and in the location of the private way known as Belmont Street Extension, the boundaries and measurements of said way as so laid out are as follows:

Beginning at a point on the Northerly sideline of said Orange Street, said point being N. 2 degrees—35' E., a distance of 40.04 feet, and due West a distance of 59.50 feet, from a Stone Bound set at the Southeasterly corner of Belmont Street and Orange Street;

Thence the Westerly line runs Easterly and Northerly, by a curved line having a radius of 20.0 feet, a length of 30.90 feet to a point of tangent;

Thence N. 1 degree—29'—30" E., by lands of Pearl F. Messinger and lands of Minnola R. Tucker, a distance of 454.87 feet to a drill hole in a stone wall at lands of Elizabeth Walker et al;

Thence turning and running N. 70 degrees—22'—50" E., by said stone wall and land of said Walker et al., a distance of 42.88 feet to a drill hole in said wall;

Thence turning and running S. 1 degree—29'—30" W., by other lands of said Pearl F. Messinger, a distance of 468.23 feet to a point of curve;

Thence by a curved line South and East, having a radius of 20.00 feet, still by lands of said Messinger, a length of 31.94 feet to a point of tangent situated on the Northerly sideline of said Orange Street;

Thence due West along said Northerly sideline of said Orange Street, a distance of 20.53 feet to a point of intersection with the Easterly sideline of said Belmont Street, said point being N. 2 degrees—35'—00" E., a distance of 40.04 feet from the stone bound set at the Southeasterly corner of said Orange Street and Belmont Street previously herein referred to;

Thence still due West along the Northerly sideline of Orange Street, a distance of 59.50 feet to the point of beginning.

The above-described lines being more fully shown on a Plan entitled "Belmont Street, Reading, Mass." dated, January, 1939, Board of Public Works, Philip Welch, Superintendent said plan being a part of this description.

We determine that no damages will be sustained by any person or persons in their property by reason of the taking to be made for this improvement. All acts in connection with said laying out are done under the provision of law authorizing the assessment of betterments, and betterments are to be assessed therefor.

This laying out so made by us we hereby report to the Town for acceptance and recommend that said way shall thereafter be known as a public town way and named Belmont Street, and that the sum of



eight hundred ninety-six (\$896.00) dollars be raised and appropriated for said laying out and for the construction of said way.

ALEX. LINDSAY  
HAROLD W. PUTNAM  
WENDELL P. DAVIS  
EDWARD A. BROPHY

Members of the Board of Public Works of Town of Reading.

On motion of Wendell P. Davis, it was voted that the Town accept the report of the Board of Public Works on the laying out as a public way of a private way known as Belmont Street, and adopt the recommendations contained therein, and that the sum of eight hundred ninety-six (\$896.00) dollars be raised and appropriated for the laying out and the construction of the said way.

Article 29. To see if the Town will authorize the Board of Public Works to acquire by purchase, eminent domain or otherwise a parcel of land situated southerly of Forest Street and containing approximately 4.053 acres of land and owned by the Fathers' and Mothers' Club, Inc., for the further development of the Birch Meadow Playground and also a right of way in a strip of land approximately 40 feet in width extending southerly from Forest Street through lands of Fathers' and Mothers' Club, Inc., and land of Francis B. Hunt, heirs or devisees, as convenient access to said playground from Forest Street, and to raise and appropriate therefor the sum of \$1.00 or what it will do in relation thereto.

Board of Public Works.

Article 29. On motion of Harold W. Putnam, it was voted that the Board of Public Works be and they hereby are authorized and empowered to acquire by purchase or by taking by eminent domain, a parcel of land situated southerly of Forest Street and containing approximately 4.053 acres of land and owned by the Fathers' and Mothers' Club, Inc., and land of Francis B. Hunt heirs or devisees, as convenient access to said playground from Forest Street, and to raise and appropriate therefor the sum of one (\$1.00) dollar.

Article 30. To see if the Town will vote to accept the report of the Board of Public Works on relocating or altering a portion of the location lines of Woburn Street and Copeland Avenue at their terminus at the southwesterly corner of Woburn Street and Copeland Avenue, said location lines being relocated or altered in accordance with plan duly approved by the Board of Public Works and filed in the office of the Town Clerk in accordance with the statutory requirements, and to see if the Town will accept the relocation or alteration of the said location lines as shown on said plan, or what it will do in relation thereto.

Board of Public Works.



**Commonwealth of Massachusetts**

Middlesex ss.

Town of Reading.

Report of the Board of Public Works on the Relocation or Alteration of the Southwest Corner of Copeland Avenue and Woburn Street.

The Board of Public Works of the Town of Reading having determined and adjudged that common convenience and necessity require that the public highways be laid out, relocated or altered as and in the location hereinafter described, having complied with all requirements of law relating to notice to owners of land thereof, and of a hearing thereon, and having met at the time and place appointed for such hearing, and then and there heard all persons present who desired to be heard have laid out, relocated or altered as public highways for the use of the Town, the Southwest corner of Copeland Avenue and Woburn Street. The boundaries and measurements of said public highways as so laid out, relocated or altered are as follows:

Beginning at the point of intersection of the Westerly sideline of Copeland Avenue and the Southerly sideline of Woburn Street, said point being S. 62 degrees—42' W., a distance of 177.60 feet from a stone bound located in the Southerly sideline of said Woburn Street;

Thence running S. 62 degrees—42' W., by said Southerly sideline of said Woburn Street, a tangent distance of 23.56 feet to a point;

Thence by a curve East to South, having a radius of 20.0 feet, through lands of Kimball A. Loring, a length of 34.67 feet to a point on said Westerly sideline of said Copeland Avenue;

Thence N. 17 degrees—58' W., by said Westerly sideline of said Copeland Avenue, a tangent distance of 23.56 feet to the point of beginning.

The approximate area taken is one hundred twenty-four (124) square feet.

The above-described lines being more fully shown on a Plan entitled "Alteration of the Southwest Corner of Copeland Avenue and Woburn Street, Reading, Mass." dated February, 1939, Board of Public Works, Philip Welch, Supt. said plan being a part of this description.

We determine that no damages will be sustained by any person or persons in their property by reason of the taking to be made for this improvement.

No betterments are to be assessed for this improvement.

This laying out, relocation or alteration so made by us, we hereby report to the Town for acceptance and recommend that when this report is accepted and adopted by the Town, that said public highways

shall therefore be laid out, relocated or altered in accordance with said plan.

ALEX. LINDSAY, Chairman.

HAROLD W. PUTNAM, Secretary.

EDWARD A. BROPHY

Members of the Board of Public Works of Town of Reading.

On motion of Wendell P. Davis, it was voted that the Town accept the report of the Board of Public Works on the relocating and altering of a portion of the location lines of Woburn Street and Copeland Avenue at their terminus at the Southwesterly corner of Woburn Street and Copeland Avenue, and adopt the recommendations contained therein.

Article 31. To see if the Town will vote to accept the report of the Board of Public Works on relocating or altering a portion of the westerly location line of West Street, beginning at a point 70.63 feet northwesterly of the north westerly location line of Longwood Road, and extending in a Northwesterly direction 240.57 feet, said location lines being relocated or altered in accordance with plan duly approved by the Board of Public Works and filed in the office of the Town Clerk in accordance with the statutory requirements, and to see if the Town will accept the relocation or alteration of the said location line as shown on said plan, or what it will do in relation thereto.

Board of Public Works.

Article 31.

#### **Commonwealth of Massachusetts**

Middlesex ss.

Town of Reading.

Report of the Board of Public Works on the Relocation or Alteration of the Southerly and Westerly line of West Street.

The Board of Public Works of the Town of Reading having determined and adjudged that common convenience and necessity require that the public highway be laid out, relocated or altered as and in the location hereinafter described, having complied with all requirements of law relating to notice to owners of land thereof and of a hearing thereon, and having met at the time and place appointed for such hearing and then and there heard all persons present, who desired to be heard, have laid out, relocated or altered as a public highway for the use of the town a portion of the Southerly and Westerly sideline of West Street. The boundaries and measurements of said public highway as so laid out, relocated or altered are as follows:

Beginning at a point on the Westerly sideline of said West Street, said point being N. 14 degrees—08'—50" W., a distance of 70.63 feet measured along said Westerly sideline of West Street from a stone bound located at the intersection of the Northerly sideline of Longwood Road and the said Westerly sideline of West Street;

Thence N. 14 degrees—08'—50" W., along said Westerly sideline of West Street and by lands of Lewis A. Pratt and lands of Wakefield Building & Construction Co., a distance of 147.10 feet to a stake at an angle point;

Thence N. 41 degrees—54'—10" W., still by the said Westerly sideline of West Street and lands of said Wakefield Building & Construction Co., a distance of 28.27 feet to a stake;

Thence N. 48 degrees—58'—00" W., still by said Westerly sideline of West Street and lands of said Wakefield Building & Construction Co., a distance of 30.85 feet to a stake;

The Westerly sideline of West Street as herein defined now turns at an angle and becomes the Southerly sideline of West Street;

Thence turning and running N. 70 degrees—33'—40" W., by said Southerly sideline of West Street and still by lands of said Wakefield Building & Construction Co., a distance of 140.05 feet to a point;

Thence, turning and running by a curved line in an Easterly and Southerly direction, having a radius of 330.0 feet, a length of 324.92 feet, through lands of said Wakefield Building & Construction Co. and lands of said Lewis A. Pratt, to the point of beginning on said Westerly line of West Street.

The above-described lines being more fully shown on a plan entitled "Relocation of the Southerly and Westerly line of West Street, Reading, Mass". dated, February, 1939, Board of Public Works, Philip Welch, Supt., said plan being a part of this description.

We determine that no damages will be sustained by any person or persons in their property by reason of the taking to be made for this improvement.

No betterments are to be assessed for this improvement.

This laying out relocation or alteration so made by us we hereby report to the Town for acceptance and recommend that when this report is accepted and adopted by the Town, that said public highway shall thereafter be laid out, relocated or altered in accordance with said plan.

ALEX. LINDSAY, Chairman.  
HAROLD W. PUTNAM, Secretary.  
WENDELL P. DAVIS  
EDWARD A. BROPHY

Members of the Board of Public Works of Town of Reading.

On motion of Wendell P. Davis, it was voted that the Town accept the report of the Board of Public Works on the relocating and altering of a portion of the Westerly location line of West Street and adopt the recommendations contained therein.

Article 32. To see what sum the Town will raise and appropriate for further development of the Town Forest, or what it will do in relation thereto.

Committee on Re-Forestation.

Article 32. On motion of Carl W. Goodridge, it was voted that the sum of three hundred dollars (\$300.00) be raised and appropriated for the further development of the Town Forest.

Article 33. To see if the Town will raise and appropriate the sum of four hundred dollars (\$400.00) for Child Welfare Work, to be expended under the direction of the Reading Visiting Nurse Association and the Board of Health, or what it will do in relation thereto.

Inez H. Damon and others.

Article 33. On motion of Leon G. Bent, it was voted that the sum of \$400.00 be raised and appropriated for Child Welfare Work, to be expended under the direction of Reading Visiting Nurse Association and the Board of Health.

Article 34. To see if the Town for the purpose of providing suitable headquarters for Reading Post 62 of the American Legion will vote to authorize and empower the Board of Selectmen to lease in behalf of the Town the premises situated on the Westerly side of Ash Street known as Victory House for the term of five years at an annual rental of fifteen hundred (\$1,500) dollars, and upon such further terms and conditions as they may determine, and to raise and appropriate the sum of fifteen hundred (\$1,500) dollars as rent for the first year of the term of said lease, or what it will do in relation thereto.

George W. Johnston and others.

Article 34. On motion of George W. Johnston, it was voted that the Board of Selectmen be and they hereby are authorized and empowered to secure as headquarters for Reading Post 62 of the American Legion, the premises situated on the Westerly side of Ash Street known as Victory House, such quarters to be under the direction and control of such Post, and that the sum of fifteen hundred (\$1,500.00) dollars be raised and appropriated as rent for the term of one year.

Article 35. To see if the Town will raise and appropriate the sum of two hundred (\$200) dollars for the purpose of conducting suitable exercises in connection with the dedication of the World War Memorial or what it will do in relation thereto.

World War Memorial Committee.

Article 35. On motion of J. Warren Killam, Jr., it was voted that the sum of two hundred (\$200.00) dollars be raised and appropriated for the purpose of conducting suitable exercises in connection with the dedication of the World War Memorial.

Article 36. To see if the Town will raise and appropriate a sum of money sufficient to cover the expense of publishing a list of valua-

tion of all real and personal estates in the Town of Reading for the year 1939, or what it will do in relation thereto.

Clarence W. Baker and Others.

Article 36. On motion of John L. Devaney, it was voted to indefinitely postpone this article on publishing a list of valuation of all real and personal estates in the Town of Reading for the year 1939.

Article 37. To see if the Town will vote to amend the By-Laws of the Town by inserting after Article V the following new Article:

Article V (a)

Section 1. The Board of Selectmen shall annually on or before the fifteenth day of April, and whenever a vacancy shall exist, appoint a duly registered physician to be known as the Town Physician, who shall be paid such salary as may be determined by the Board of Selectmen, but not exceeding the annual appropriation therefor.

Section 2. It shall be the duty of the Town Physician to attend and treat such needy persons as may be designated from time to time by the Board of Public Welfare or Board of Selectmen; to perform such professional services as may be required by vote of the Town and by all Departments thereof; and to perform such other professional duties and services as may, from time to time, be prescribed by the Board of Selectmen.

Section 3. Such appointment shall not bar the Town Physician from the general practice of his profession.

Finance Committee.

Article 37. On motion of John L. Devaney, it was voted to indefinitely postpone the appointment of a Town Physician for Welfare Work.

Article 2. On motion of Carl W. Goodridge, it was voted that Article 2 be taken from the table.

It was moved and voted that the reports of all Town officers be accepted.

Article 4 was taken from the table and indefinitely postponed.

On motion of Carl W. Goodridge, it was voted to adjourn sine die.  
Attest:

SAMUEL H. DAVIS, Temporary Clerk.  
MILLARD F. CHARLES, Town Clerk.

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### SPECIAL TOWN MEETING

Security Hall, Woburn Street, March 20, 1939.

Pursuant to the warrant and the Constable's Return thereon, a town meeting was held at the time and place therein specified and was called to order by the Town Clerk, Millard F. Charles in the absence of the Moderator. On motion of Carl W. Goodridge, it was voted to



instruct the Town Clerk to cast a ballot for Samuel H. Davis for Moderator, which was done by the Town Clerk and Samuel H. Davis was declared elected Moderator. The Town Clerk proceeded to read the warrant, when partially read, Carl W. Goodridge moved that further reading be dispensed with except the Constable's Return and it was so voted. The Constable's Return was then read by the Town Clerk.

Article 1. To hear and act on the reports of Town Officers and special committees and to see what instructions, if any, shall be given Town Officers and special committees.

Article 1. On motion of Carl W. Goodridge, it was voted to lay Article 1 on the table.

Article 2. To see what sum the Town will raise by borrowing or otherwise and appropriate for the purpose of providing suitable drainage for the low area situated in the southeasterly part of the Town in the vicinity of Brook Street and adjacent to Lake Quannapowitt, or what it will do in relation thereto.

Article 2. On motion of George Zanni, it was voted that the sum of twenty-five hundred (\$2,500.00) dollars be raised and appropriated for the purpose of studying and investigating the matter of providing suitable drainage for the low area situated in the Southeasterly part of the Town adjacent to Lake Quannapowitt, and that a committee of eleven be and hereby is established, consisting of three members of the Board of Public Works, one member of the Board of Selectmen, one member of the Planning Board, one member of the Finance Committee, such members to be designated and appointed by their respective Boards and Committee, the Town Counsel, the Reading Representative in the General Court and three citizens to be appointed at this meeting by the Moderator at least two of whom shall reside in the vicinity of the area involved as determined by the Moderator; such Committee shall report at the next annual Town Meeting or at any Special meeting to be held prior thereto the results of its study and investigation with definite recommendations as to what action it deems necessary and proper to improve the drainage conditions in this area together with all the necessary details to carry such recommendations into effect.

The following were appointed to serve on this committee:

Samuel H. Davis, **Town Counsel.**

Arthur W. Coolidge, Representative to the General Court.

George Zanni, 16 Brook Street.

Frederick Laidlaw, 13 Brook Street.

Herbert W. Hunt, 53 Woburn Street.

Philip R. White, Planning Board.

Carl W. Goodridge, Chairman, Board of Selectmen.



William A. Connelly, Finance Committee.

Wendell P. Davis, Chairman, Board of Public Works.

Harold W. Putnam, Secretary, Board of Public Works.

Edward A. Brophy, Board of Public Works Member.

On motion of Carl W. Goodridge, it was voted to adjourn sine die.

Attest: MILLARD F. CHARLES, Town Clerk.

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### **SPECIAL TOWN MEETING**

Security Hall, Woburn Street, June 5, 1939.

Pursuant to the warrant and the Constable's return thereon, a Town meeting was held at the time and place therein specified and was called to order by the Moderator, Charles P. Howard. The warrant was partially read by the Town Clerk, Millard F. Charles, when on motion of Carl W. Goodridge, it was voted to dispense with further reading except the Constable's return which was then read.

Article 1. To hear and act on the reports of Town Officers and special committees and to choose all necessary Committees and determine what instructions, if any, shall be given Town Officers and special committees.

Article 1. Wendell P. Davis made an extended report as Chairman of the Drainage Committee.

It was voted that the report of the Special Drainage Committee be and the same is hereby accepted and that the recommendations therein contained be and the same are hereby adopted and that the Committee be continued in office until such time as the Town shall by vote at town meeting assembled otherwise determine.

Article 2. To see if the Town will vote to authorize the Treasurer to refund in accordance with the provisions of Chapter 63 of the Acts of 1939 the emergency storm damage loans for \$13,000 and \$25,000 authorized under vote of the Town on October 20, 1938 and December 22, 1938 respectively, or what it will do in relation thereto.

Board of Selectmen.

Article 2. On motion of Carl W. Goodridge, it was voted that to meet the emergency storm damage loan of thirteen thousand (\$13,000) dollars issued under authority of Clause 9. Section 8 of Chapter 44 of the General Laws and vote of the Town at a meeting held on October 20, 1938, the Treasurer, with the approval of the Selectmen be and he hereby is authorized to refund the sum of thirteen thousand (\$13,000) dollars and to issue bonds or notes therefor, said bonds or notes to bear on their face the words, "Emergency Storm Damage Loan, Act of 1939", and to be payable in accordance with Section 19 of Chapter 44 of the General Laws and Chapter 63 of the Acts of 1939, so that the whole loan should be paid in not more than five years from the date

of issue of the first bond or note, or at such earlier time as may be determined by the board mentioned in Clause 9, Section 8 of Chapter 44 of the General Laws.

One hundred ninety-five voted in favor and none against, making it an unanimous vote.

Article 2. On motion of Carl W. Goodridge, it was voted that to meet the emergency storm damage loan of twenty-five thousand (\$25,000.00) dollars issued under authority of Clause 9, Section 8 of Chapter 44 of the General Laws and vote of the Town at a meeting held on December 22, 1938, the Treasurer, with the approval of the Selectmen be and he hereby is authorized to refund the sum of twenty-five thousand (\$25,000.00) dollars and to issue bonds or notes therefor, said bonds or notes to bear on their face the words, "Emergency Storm Damage Loan, Act of 1939", and to be payable in accordance with Section 19 of Chapter 44 of the General Laws and Chapter 63 of the Acts of 1939, so that the whole loan should be paid in not more than ten years from the date of issue of the first bond or note, or at such earlier time as may be determined by the board mentioned in Clause 9, Section 8 of Chapter 44 of the General Laws.

Two hundred eleven (211) voted "Yes" and none "No", making it an unanimous vote.

Article 3. To see if the Town will rescind the vote of the Town passed at the Annual Meeting held on March 13, 1939, appropriating the sum of fifty-three thousand six hundred dollars (\$53,600.00) for Maturing Debt and to see what sum the Town will vote to raise and appropriate for Maturing Debt, for the year 1939, or what it will do in relation thereto.

Board of Selectmen.

Article 3. On motion of Carl W. Goodridge, it was voted that the vote of the Town passed at the annual meeting on March 13, 1939 appropriating the sum of fifty-three thousand six hundred (\$53,600.00) dollars for Maturing Debt be and the same hereby is rescinded and that the sum of forty thousand six hundred (\$40,600.00) dollars be raised and appropriated for Maturing Debt for the year 1939 not including water and light.

Article 4. To see what sum the Town will raise and appropriate for W. P. A. Expenses, including administrative, truck hire, equipment and materials and authorize the Treasurer, with the approval of the Selectmen, to borrow under authority of and in accordance with the provisions of Chapter 72 of the Acts of 1939, or what it will do in relation thereto.

Board of Selectmen.

Article 4. On motion of Louis M. Lyons, it was voted to lay this article on the table.

Article 5. To see if the Town will vote to authorize and empower the Board of Selectmen to sell, remove from the present site, demolish or otherwise dispose of the Town Farm Building located on the Easterly side of Pearl Street, and to make an appropriation therefor, and to sell, remove or otherwise dispose of the furnishings and personal property located therein, upon such terms and conditions as they may determine, or what it will do in relation thereto.

Board of Selectmen.

Article 5. On motion of Louis M. Lyons, it was voted to lay this article on the table.

Article 6. To see what sum the Town will raise by borrowing or otherwise and appropriate, for the acquisition by purchase, eminent domain, lease or otherwise of land and buildings suitable for providing quarters for the offices and show rooms of the Electric Light Department and the remodelling, repair or improvement of any buildings or structures so acquired, or what it will do in relation thereto.

Municipal Light Board

Article 6. On motion of Henry R. Johnson that the sum of seventeen thousand (\$17,000.00) dollars be and the same is raised and appropriated for the extension and enlargement of Municipal Light Plant by the acquisition and improvement of suitable quarters for the offices and showrooms of the Electric Light Department, and the Municipal Light Board be and they hereby are authorized, empowered and directed to purchase or take by right of Eminent Domain, upon such terms, conditions and awards as they may determine, a parcel of land together with the buildings thereon located on the Southerly side of Gould Street in said Reading containing approximately 10,585 square feet of land formerly owned by Robert W. Totten and being the premises known as and numbered 36 Gould Street, and to remodel, repair or otherwise improve the buildings or structures on said land so acquired and to equip the same; and the Town Treasurer, with the approval of the Board of Selectmen be and is hereby authorized to borrow for the above purpose the sum of seventeen thousand (\$17,000.00) dollars and to issue therefor bonds or notes of the Town in accordance with the provisions of Chapter 44 of the General Laws and Acts amendatory thereof, and in addition thereto, so that the whole of the said loan shall be paid in not more than ten years or at such earlier time as the Treasurer and the Board of Selectmen may determine, and said bonds or notes shall be signed by the Treasurer and countersigned by the Selectmen.

One hundred five voted "Yes" and one hundred forty-six voted "No" and the same was not carried.

Article 4. On motion of Carl W. Goodridge, it was voted to take this article from the table.

Article 4. On motion of Carl W. Goodridge, it was voted by a vote of "Yes" 152 and "No" 37 that the sum of of twenty-four thousand (\$24,000.00) dollars be raised and appropriated for W. P. A. expenses, including administrative, truck hire, equipment and materials and to meet said appropriation the Treasurer with the approval of the Selectmen be and hereby is authorized to borrow twenty-four thousand (\$24,000.00) dollars under authority of and in accordance with Chapter 72 of the Acts of 1939, and to issue bonds or notes therefor, said bonds or notes to bear on their face the words "Town of Reading, Municipal Relief Loan, Act of 1939" and to be payable in accordance with Chapter 44 of the General Laws and said Chapter 72 of the Acts of 1939, so that the whole loan should be paid in not more than ten years from the date of issue of the first bond or note, or at such earlier time as the Emergency Finance Board may determine.

Article 7. To see if the Town will vote to authorize the Special Drainage Committee to petition the General Court for special legislation providing for the drainage of the low area situated in the Town adjacent to Lake Quannapowitt and to ratify and confirm any action of the Special Committee or the members thereof, relating to the filing of such petition with the General Court or what it will do in relation thereto.

Special Drainage Committee.

Article 7. On motion of Wendell P. Davis, it was unanimously voted that the Special Drainage Committee be and hereby is authorized and empowered in behalf of the Town to petition the General Court for special legislation providing for the drainage of the low area situated in the Town adjacent to Lake Quannapowitt, and that any previous action of the Committee or the members thereof in connection with the filing of such petition be and the same hereby is ratified and confirmed.

Article 5. On motion of Carl W. Goodridge, it was voted that the Board of Selectmen be and they hereby are authorized and empowered to sell upon such terms and conditions as they may determine, demolish or otherwise dispose of the town farm building located on the Easterly side of Pearl Street and to dispose of the furnishings and personal property located therein by removing the same to some other building owned by the Town.

Article 8. To see if the Town will vote to raise and appropriate or appropriate from available assets, the sum of one thousand dollars (\$1,000.00) to publish a street list for the year 1939, or what it will do in relation thereto.

Board of Registrars.

Article 8. On motion of Ralph S. Keneeley as amended by John L. Devaney, it was voted, 84 "Yes" and 58 "No" that there be raised and appropriated the sum of \$250.00 to pay for publishing a Street List for the year 1939, said sum to be expended under the direction of the Board of Registrars.

On motion of Carl W. Goodridge it was voted to adjourn sine die.  
Attest: MILLARD F. CHARLES, Town Clerk.

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### **SPECIAL TOWN MEETING**

Security Hall, Woburn Street, June 20, 1939

Pursuant to the warrant and the Constable's Return thereon, a town meeting was held at the time and place appointed and was called to order by the Moderator, Charles P. Howard. The warrant was partially read by Town Clerk, Millard F. Charles, when on motion of Newell H. Morton, it was voted to dispense with further reading except the Constable's Return which was duly read by the Town Clerk.

Article 1. To hear and act on the reports of Town Officers and special committees and to choose all necessary committees and determine what instructions, if any, shall be given Town Officers and special committees.

Article 1. On motion of Newell H. Morton, it was voted to lay this article on the table.

Article 2. To see what sum the Town will appropriate from available funds for the dedication of the World War Memorial or what it will do in relation thereto.

World War Memorial Committee.

Article 2. On motion of Newell H. Morton, it was voted that the sum of one hundred eighty-nine and 57/100 (\$189.57) dollars be appropriated from the unexpended balance of the appropriation for the World War Memorial and transferred to the appropriation for the dedication exercises of the World War Memorial voted at the annual meeting held on March 13, 1939, and that the Town Accountant be and he hereby is authorized to make the necessary transfer to carry out the purpose of this vote.

Article 3. To see what sum the Town will raise by borrowing or otherwise and appropriate for the acquisition by purchase, eminent domain, lease or otherwise of land and buildings suitable for the offices and showrooms of the Electric Light Department and the construction and equipment of the necessary buildings or the remodeling, repair or improvement of such buildings or structures, and to see if the Town will vote to let or lease any portion of the premises so acquired, and what action will be taken relative to the control, operation and management of such premises, or what it will do in relation thereto.

Municipal Light Board.



Article 3. On motion of Herbert G. Evans, it was voted that the sum of thirty-six thousand dollars be and the same is hereby raised and appropriated for extending and enlarging the Municipal Light Plant by the acquisition and improvement of suitable quarters for the offices and showrooms of the Electric Light Department, and the Municipal Light Board be and they hereby are authorized, empowered and directed to purchase or take by right of eminent domain, upon such terms, conditions and awards as they may determine, a parcel of land with the buildings thereon located in said Reading on the South-erly side of Haven Street, the Easterly side of High Street and the Northerly side of Green Street, containing approximately 25,573 square feet of land and being the premises known as the Black's Block property and numbered 1 to 43 Haven St., 33 High Street and 8 Green Street, and to demolish the whole or any part of the buildings now located on said land, and to erect thereon, a building suitable for such quarters and to equip the same, and to remodel, repair or otherwise improve any of the remaining buildings or structures remaining thereon, and the Municipal Light Board be and they hereby are further authorized and empowered to let or lease upon such terms and conditions as they may determine any portion of the said premises, and to control and operate and manage the land, buildings and structures so acquired; and the Town Treasurer with the approval of the Board of Selectmen be and is hereby authorized to borrow for the above purpose the sum of thirty-six thousand (\$36,000.00) dollars and to issue therefor bonds or notes of the Town in accordance with the provisions of Chapter 44 of the General Laws and Acts amendatory thereof, and in addition thereto, so that the whole of the said loan shall be paid in not more than twenty years or at such earlier time as the Treasurer and the Board of Selectmen may determine, and said bonds or notes shall be signed by the Treasurer and countersigned by the Selectmen.

Two hundred seventy-nine voted "Yes" and one hundred thirty-one voted "No" so it was carried by five votes making the two-thirds majority needed.

Article 3. On motion of Newell H. Morton, it was voted to lay Article 3 on the table.

Article 4. To see what sum the Town will raise and appropriate for the Snow and Ice Account, or what it will do in relation thereto.

Board of Public Works.

Article 4. On motion of Wendell P. Davis, it was voted that the sum of four thousand (\$4,000.00) dollars be raised and appropriated for the removal of snow and ice of which amount one thousand eight hundred ninety and 72/100 (\$1,890.72) dollars is to balance the deficit to date in said account.



Article 5. To see what sum the Town will appropriate from available funds for the Water Department, or what it will do in relation thereto.

Board of Public Works.

Article 5. On motion of Wendell P. Davis, it was voted that this article be indefinitely postponed.

Article 1. On motion of Newell H. Morton, Article 1 was taken from the table and indefinitely postponed.

Article 3. On motion of Newell H. Morton, Article 3 was taken from the table. Result of vote, 279 "Yes" and 131 "No".

On motion of Newell H. Morton, it was voted to adjourn sine die.  
Attest: MILLARD F. CHARLES, Town Clerk.

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### **SPECIAL DRAINAGE REFERENDUM**

Security Hall, Woburn Street, October 2, 1939.

Pursuant to the warrant and the Constable's Return thereon, a special town meeting on the question of drainage of lowlands adjacent to Lake Quannapowitt was held at the time and place therein specified and was called to order by the Moderator, Charles P. Howard. The warrant and Constable's Return were duly read by the Town Clerk, Millard F. Charles. The meeting then proceeded to ballot with the following result:

Three hundred (300) voted "Yes" and one hundred thirty-eight (138) voted "No" so that the vote was carried.

Attest: MILLARD F. CHARLES, Town Clerk.

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### **SPECIAL TOWN MEETING**

Security Hall, Woburn Street, October 17, 1939.

Pursuant to the warrant and the Constable's Return thereon a town meeting was held at the time and place therein specified and was called to order by Charles P. Howard, the Moderator. The warrant was partially read by the Town Clerk Millard F. Charles, when on motion of Carl W. Goodridge it was voted to defer further reading except the Constable's Return which was duly read.

Article 1. To hear and act on the reports of Town Officers and special committees and to choose all necessary committees and determine what instructions, if any, shall be given Town Officers and special committees.

Article 1. On motion of Carl W. Goodridge, it was voted to lay this article on the table.

Article 2. To see what sum the Town will vote to appropriate from available funds and transfer to School Department Maintenance Account, or what it will do in relation thereto.

School Committee.

Article 2. On motion of Frank D. Tanner, it was voted that the sum of \$2,000.00 be appropriated from the unexpended balance in the School Committee General Salaries Account for the School Committee General Maintenance Account, and that the Town Accountant be and he hereby is authorized and instructed to transfer said sum to the said account.

Article 3. To see what sum the Town will vote to raise, by borrowing or by transfer from available funds or otherwise and appropriate for Public Welfare General Aid, Administrative, General Aid and Old Age Assistance, or what it will do in relation thereto.

Board of Public Welfare.

Article 3. On motion of Edward E. Harnden, it was voted that the following transfer be made to Welfare Department Account: To General Aid Administrative Account from Old Age Assistance Administrative Account, one hundred fifty dollars.

On motion of Edward E. Harnden, it was voted that the following transfers be made to Welfare Department Accounts:

To General Aid Account, forty-nine hundred dollars (\$4,900.00) as follows: from Aid to Dependent Children Account, twenty-five hundred dollars, (\$2,500.00); from Aid to Dependent Children Administrative Account, four hundred dollars (\$400.00); from Board of Public Works Special Labor Appropriation Account, two thousand dollars (\$2,000.00), and that the Town Accountant be and he hereby is authorized and instructed to transfer said sums to said account.

Article 3. On motion of Edward E. Harnden, it was voted by a vote of eighty-four (84) "Yes" and none (0) "No" the same being an unanimous vote, that the sum of eight thousand dollars (\$8,000.), be raised and appropriated for the Public Welfare as follows: for General Aid, seventy-five hundred dollars (\$7,500.00), for Old Age Assistance, five hundred dollars (\$500.00), and to meet said appropriation the Treasurer, with the approval of the Selectmen, be and hereby is authorized to borrow eight thousand dollars (\$8,000.00), under authority of and in accordance with the provisions of Chapter Seventy-two (72) of the Acts of 1939, and to issue bonds or notes of the Town therefor payable in not more than five (5) years from the date thereof.

Article 4. To see if the Town will vote to raise and appropriate the sum of Ten Thousand (\$10,000) Dollars under authority of Chapter 458 of the Acts of 1939 for the purpose of securing the engineering service, surveys and the design of the drainage system by the State Department of Public Works for draining the low lands adjacent to Lake Quannapowitt, and determine whether the money shall be provided by borrowing or by transfer from available funds or otherwise or what it will do in relation thereto.

Drainage Committee.

Article 4. On motion of Wendell P. Davis, it was voted by a vote of eighty-three (83) "Yes" and fifteen (15) "No" that the sum of ten thousand (\$10,000.00) dollars be raised and appropriated for the purpose of securing the engineering service, surveys, and design of the drainage system by the State Department of Public Works, for draining the low lands adjacent to Lake Quannapowitt as provided in Chapter 458 of the Acts of 1939; and to meet said appropriation the Treasurer, with the approval of the Board of Selectmen be and hereby is authorized to borrow nine thousand (\$9,000.00) dollars under authority of and in accordance with the provisions of said Chapter 458 of the Acts of 1939 and Chapter 44 of the General Laws, and to issue bonds or notes of the town therefor payable in not more than five years from the date thereof, such bonds or notes shall bear on their face the words "Town of Reading, Drainage Loan Act of 1939", and the sum of one thousand (\$1,000.00) dollars be transferred from the unexpended balance of the appropriation of \$2,500.00 voted at the Special Town Meeting held March 20, 1939 for studying and investigating the drainage conditions and that the Town Accountant be and hereby is authorized and instructed to transfer said sum as above provided and the Treasurer is further authorized and empowered to pay into the State Treasury said sum of \$10,000.00 in accordance with the provisions of said Act and for the purposes herein set forth.

Article 5. To see if the Town will vote to accept Chapter 195 of the Acts of 1939, being an Act Relative To Charges For Connecting Estates With The Common Sewers, or what it will do in relation thereto.

Board of Public Works.

Article 5. On motion of Harold W. Putnam, it was voted that the provisions of Chapter 195 of the Acts of 1939, being an Act relative to Charges for Connecting Estates with the Common Sewers in the Town of Reading be, and the same hereby are accepted.

Article 6. To see if the Town will vote to accept the report of the Board of Public Works on relocating or altering a portion of the southerly location line of Haven Street, between High Street and Gould Street, said location line being relocated or altered in accordance with plan duly approved by the Board of Public Works and filed in the office of the Town Clerk in accordance with the statutory requirements and to see if the Town will accept the relocation or alteration of the said location line as shown on said plan, or what it will do in relation thereto.

Board of Public Works

Article 6.

COMMONWEALTH OF MASSACHUSETTS

Town of Reading.

Middlesex ss.

Report of the Board of Public Works on the Relocation or Alteration of a portion of Haven Street.

The Board of Public Works of the Town of Reading having determined and adjudged that common convenience and necessity require that the public highway be laid out, relocated or altered as and in the location hereinafter described, having complied with all requirements of law relating to notice to owners of land thereof and of a hearing thereon, and having met at the time and place appointed for such hearing and then and there heard all persons present who desired to be heard, have laid out, relocated or altered as a public highway for the use of the town, a portion of the Southerly sideline of Haven Street between High Street and Gould Street. The boundaries and measurements of said public highway as so laid out, relocated or altered are as follows:

Beginning at a spike set in said Southerly sideline of Haven Street, said spike being N. 61 degrees—53'—10" E. a distance of 25.0 feet, from a stone bound set at the Northerly terminus of a curve having a radius of 22.16 feet and a length of 34.14 feet at the junction of Haven and High Streets;

Thence N. 61 degrees—53'—10" E. along said Southerly line of Haven Street and by land of the Town of Reading a distance of 165.97 feet to a stone bound at an angle point.

Thence N. 72 degrees—52'—10" E. along said Southerly sideline of Haven Street and still by lands of the Town of Reading and lands of Mechanics Savings Bank, a distance of 85.79 feet to a stone bound set at the intersection of the Southerly side line of Haven Street and the Southwesterly sideline of Gould Street;

Thence S. 85 degrees—4'—50" E., by said Southwesterly sideline of Gould Street and lands of Mechanics Savings Bank, a distance of 69.06 feet to a point;

Thence by a curve East to West, having a radius of 200.00 feet, through lands of said Mechanics Saving Bank and lands of the Town of Reading, a length of 92.08 feet to a point of tangent;

Thence S. 68 degrees—32'—25" W., still through lands of the Town of Reading, a distance of 198.57 feet to the spike at the point of beginning.

The above-described lines being more fully shown on a plan en-

titled "Plan showing widening of a portion of Haven Street, Reading, Mass., as ordered by the Board of Public Works", dated June, 1939, said plan being a part of this description.

We determine that no damages will be sustained by any person or persons in their property by reason of the taking to be made for this improvement.

No betterments are to be assessed for this improvement.

This laying out, relocation or alteration so made by us we hereby report to the Town for acceptance and recommend that when this report is accepted and adopted by the Town, that said public highway shall thereafter be laid out, relocated or altered in accordance with said plan.

WENDELL P. DAVIS, Chairman.

HAROLD W. PUTNAM, Secretary.

ALEX. LINDSAY

ALEXANDER WILLIAMSON

Members of the Board of Public Works of Town of Reading.

Article 6. On motion of Wendell P. Davis, it was voted that the Town accept the report of the Board of Public Works on the relocating and altering of a portion of the Southerly location line of Haven Street and adopt the recommendations contained therein.

Article 7. To see what sum the Town will raise and appropriate by borrowing, transfer from available funds or otherwise for the repair, alteration and improvement of the buildings owned by the Town located on Haven, High and Green Streets and for the grading and improvement of the grounds surrounding such buildings and for the demolition of the dwelling house located thereon and being the premises known as 8 Green Street, or what it will do in relation thereto.

Municipal Light Board.

Article 7. On motion of Henry R. Johnson, it was voted that the sum of five thousand (\$5,000.00) dollars be appropriated for the repair, alteration and improvement of the Electric Light Building on Haven Street and the other buildings owned by the Town located on Haven, High and Green Streets and for the grading and improvement of the grounds surrounding such buildings and for the demolition of the dwelling house located at 8 Green Street; and to meet said appropriation said sum of five thousand (\$5,000.00) dollars be transferred from the unexpended balance of the Construction Fund of the Municipal Light Plant and that the Town Accountant be and he hereby is authorized and empowered to transfer said sum as above provided.

On motion of Carl W. Goodridge, it was voted to adjourn sine die.

Attest:

MILLARD F. CHARLES, Town Clerk.



## NOTICE TO PARENTS, HOUSEWIVES, PHYSICIANS AND MIDWIVES

**Your attention is Called to the Section Below Taken from the Revised  
Laws—Blank Forms for Return of Births Can Be Obtained of  
the Town Clerk**

### SECTION 3, CHAPTER 444, ACTS 1897

Section 3. Physicians and Midwives shall on or before the fifth day of each month report to the clerk of each city or town a correct list of all children born therein during the month next preceding, at whose birth they were present, stating the date and place of each birth, the name of the child, if it has any, the sex and color of the child, the name, place of birth and residence of the parents, the maiden name of the mother, and occupation of the father. If the child is illegitimate the name of the father shall not be stated, unless at the joint request in writing of both father and mother, which requests shall be filed with the return of births. The fee of the physicians and midwives shall be twenty-five cents for each birth so reported and shall be paid by the city or town in which the report is made, upon presentation of certificate from the city or town clerk, stating that said births have been reported in conformity with the requirements of this section. Any physician or midwife neglecting to report such list for ten days after it is due shall for each offense forfeit a sum not exceeding twenty-five dollars.

### SECTION 6, CHAPTER 444, ACTS 1897

Section 6. Parents and householders shall within forty (40) days after the date of a birth occurring in his house give notice thereof or cause such notice to be given to the clerk of the city or town in which such child is born.

MILLARD F. CHARLES, Town Clerk.

### DOGS LICENSED, January 1, 1939 to Dec. 31, 1939

476 Males @ \$2.00 .....	\$ 952.00
60 Females @ \$5.00 .....	300.00
237 Spayed Females @ \$2.00 .....	474.00
4 Kennel Licenses @ \$25.00 .....	100.00
	<hr/>
	\$ 1,826.00
777 Fees @ \$.20 .....	155.40
	<hr/>
Balance Due .....	\$ 1,670.60



April 7, Paid Town Treasurer .....	\$ 175.20
May 12, Paid Town Treasurer .....	540.60
June 9, Paid Town Treasurer .....	262.80
July 7, Paid Town Treasurer .....	519.80
Aug. 11, Paid Town Treasurer .....	77.40
Sept. 8, Paid Town Treasurer .....	42.00
Oct. 13, Paid Town Treasurer .....	14.40
Nov. 10, Paid Town Treasurer .....	13.80
Dec. 8, Paid Town Treasurer .....	5.40
Jan. 6, 1940, Paid Town Treasurer .....	19.20

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\$ 1,670.60

MILLARD F. CHARLES, Town Clerk.

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### SPORTING LICENSES

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170 Fishing Licenses .....	\$ 340.00
82 Hunting Licenses .....	164.00
36 Sporting Licenses .....	117.00
38 Minor and Female Fishing Licenses .....	47.50
6 Trapping Licenses .....	31.50
1 Non-Resident Fishing License .....	1.50
1 Duplicate License .....	.50
21 Sporting and Trapping Licenses Free .....	.....

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\$ 702.00

33 Fees deducted @ 25c .....

83.25

Total Paid Fish and Game Comm. ....	\$ 618.75
Jan., Paid Fish and Game Comm. ....	\$ 96.75
Feb., Paid Fish and Game Comm. ....	13.50
March, Paid Fish and Game Comm. ....	9.50
Apr., paid Fish and Game Comm. ....	156.00
May, Paid Fish and Game Comm. ....	95.00
June, Paid Fish and Game Comm. ....	59.00
July, Paid Fish and Game Comm. ....	23.75
Aug., Paid Fish and Game Comm. ....	12.50
Sept., Paid Fish and Game Commissioner .....	12.25
Oct., Paid Fish and Game Commissioner .....	113.00
Nov., Paid Fish and Game Comm. ....	24.00
Dec., Paid Fish and Game Comm. ....	3.50

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\$ 618.75

MILLARD F. CHARLES, Town Clerk.

# BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1939

Date	Name	Parents
January		
4	Ralph Spencer Henderson	Spencer and Olga S.
6	Albert Waining Averill, Jr.	Albert W. and Louise D.
6	Richard Harris Curtis	George E. and Harriet D.
6	Helen Nancy Fitzpatrick	Thomas J. and Helen D.
11	Karen Linda Mich	Paul and Donna S.
17	Priscilla Burton	Myron S. and Esther S.
19	David Paul Jenney	Kenneth E. and Margaret D.
19	Robert Patterson MacKenzie	William A. and Floris P.
20	Allen Richard Dunn	Daniel J. and Evelyn S.
21	Lawson Paul Sencabaugh	Ewen C. and Viola C.
21	Mark Whelton	David J. and Louise B.
24	Dorothy Reebeacker	Maurice O. and Dorothea H.
28	Roger Carlyle Quimby	Carlye F. and Evelyn D.
29	Paul Alvin Cotreau	George A. and Mary S.
30	David Arthur Drew	Richard F. and Ethel C.
31	Mary Coneeney	Thomas J. and Kathleen H.
February		
1	Robert Grosvenor Currier, Jr.	Robert G. and Ruth F.
9	Janice Frances Doucette	Jeremiah and Florence D.
10	Robert Franklin Carr	Franklin and Dorothy M.
10		
11	Curtis George Parker	George E. and Helen T.
15	James Fleming Weeks	Raymond W. and Eileen F.
17	Joan Elizabeth Cummings	Bruce R. and Marion C.
18	Christine Ann Doucette	Edward H. and Louise L.
19	Gregory George Jigerjian	Paul and Akabie T.
19	Jane Aloyse Winchester	Charles C. and Pauline C.
23	David Andrew Lee	Henry A. and Gertrude M.
25	Beverly Mary MacPherson	Earl C. and Margaret S.
March		
2	Alice Eugenie Doucette	Eli J. and Mary M.
2	Maureen Ann O'Donnell	Philip H. and Mary H.
10	Kenneth Brander Woodside	Austin C., Jr. and Phillis B.
13	Robert Vincent Condon	David P. and Florence J.
17	John Muise	Benjamin and Sylvia D.
19	Daniel Fitzgerald	Maurice T. and Pauline D.
21	Patricia Diane Poehler	Arnold F. and Dorothy S.
24	Katherine Mary Marinelli	Dominick and Katherine Z.

# BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1939

Date	Name	Parents
March		
26	John Talbot	Melvin W. and Catherine D.
28	Valarie Ann Kelch	William H. and Julia M.
29	Meredith Jane Pike	Arthur B. and Phyllis N.
31	Beverly Ann Graham	George and Amy M.
April		
7	Andre Marcel LeFave	Albino A. and Marie L.
9	William Austin Connors	Leo V. and Beatrice M.
12	Charles Edward Mercier	George H. and Dorothy M.
14	Betsy David	A. Loyd and Lois G.
14	John William Higgins	John J. and Jane K.
19	Sandra Elizabeth Johnson	Kenneth R. and Ann R.
20	Gail Marie Conti	Arthur A. and Dorothy R.
21	Daniel Edward McLaughlin	Edward and Mary W.
22	Edward Roger Wendell	Edwin A. and Catherine D.
24	Norman Carl Doucette	Walter J. and Gertrude P.
26	Lander	Norman and Emily R.
27	Ellen Joy Shields	John J. and Alice C.
29	Glenn Wesley Hawkes	Walter E. and Stella V.
29	Joseph Paul Tower	Graham and Lena G.
May		
1	Earle Cornelius Beasley	Harry E. and Jeannette L.
4	Jean Claire Cunningham	Peter M. and Mary B.
5	Richard Ralph Butters	Ralph Z. and Barbara K.
6	Shirley Marie McCallum	Archie E. and Emma B.
8	Doloros Joan Dooley	Roger and Violet K.
8	Richard Martin Sibley	Howard A. and Anne M.
10	Bruce Arrowsmith Nelson	Albert P. and Eleanor A.
11	Gene Arthur Bedley	Robert A. E. and Janet A.
17	Allen Russ Maxwell	Stanley F. and Dorothy R.
20	Suzanne Bennett Jenner	Charles R. and Gladys A.
21	Ronald John Muccio	Armand and Gladys D.
25	Nancy Jean Grundy	Robert A. and Ethel A.
25	Alfred Preston White	John A. and Hazel P.
28	James Ronald Beighley	Charles N. and Pearl S.
29	Marie Heselton	Herbert R. and Edith F.
June		
2	Katherine Juanita Sztucinski	Eugene A. and Winona G.
6	Elizabeth Anderson	Elmer C. and Mary C.

# BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1939

Date	Name	Parents
June		
7	Lewis Eugene Gilman, Jr.	Lewis E. and Viola B.
7	Arlene Sanborn	Edwin N. and Sylvia R.
8	Jean Amelia Flodin	Carl D. E. and Jeanette K.
12	Rosalynd Frances McCullough	Joseph J. and Rayna E.
13	William Reed Phinney	Frank W. and Harriet M.
19	Robert Daniel Maybury	Harold W. and Christine B.
21	Joanne Virginia Bird	Albert N. and Virginia S.
27	Richard Cyril Green	Cyril K. and Marion M.
30	Wallace Edward Runge	Wallace E. and Rachel V.
July		
11	Gail Morand	Edward N. and Phyllis T.
12	Dorothy Ann Dooley	James and Elizabeth H.
12	Nancy Suzanne Shealey	Edward L. and Lillian F.
14	Spencer Boyd Stewart	Boyd H. and Lillian C.
15	Martha Lucy Smith	Martin S. and Marie G.
16	Martha Russell	John B. and Lucia F.
16	George Albert White, Jr.	George A. and Phyllis W.
17	Janet Ann Lincoln	Douglas B. and Iris B.
18	Carole Ann Brown	George K. and Mary L.
18	Rolinda Durgin	George E. and Flora R.
27	Lorraine White	Isaac J. and Loretta M.
30	Marjorie Ann Harris	Arthur L. and Helen C.
30	Caleb Wroe Wolfe, Jr.	Caleb W. and Cornelia C.
August		
2	Marcia Holden	Kenneth C. and Kathryn F.
3	Wayne Alan Sanborn	James R. and Winifred C.
4	Frederic Walter March	Walter C. and Winifred B.
6	Edward James Hickman	Ernest S. and Mildred L.
8	David Carl Beighley, Jr.	David C. and Edna G.
14	Phillip Gary Orth	Gilbert P. and Ella D.
19	Richard Clifton Turner	Clifton H. and Isabelle M.
20	Geraldine Joy Guarino	Caesar and Flora S.
31	Gladys Marie White	Harry E. and Nellie H.
September		
1		
6	Wayne Frank White	Arthur J. and Dorothea B.
7	Lorraine Grace Smith	Irving A. and Gladys C.

# BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1939

Date	Name	Parents
September		
8	Gordon James Drew	James P. and Ann M.
8	Stephen William Palmer	Thomas and Mary D.
10	Sally Ann Bedley	Freeman A. and Doris F.
13	Eugene Leonard Hubbard	Leonard S. and Aldea C.
17	Richard Hansen Crouse	George M. and Jeannette H.
19	Newton Sherman Spurr	Winfred F. and Ruth T.
24	Robert John Quigley	Harold E. and Helen D.
25	Patricia Ann Munnis	Elbridge F. and Edith W.
27	Gordon Robert Anderson	Carl E. and Edla L.
30	Stephen Colby Fowlie	Albert A. and Helen C.
30	John Edward Harvey	William R. and Florence D.
October		
4	Carl Frederick O'Brien	Calvin O. and Winifred S.
4	Robert William Wendell	John K. and Eva B.
9	Lorraine Jennette Horn	Ralph T. and Jennette W.
10	John Sherman Spurr	John A. and Frances P.
11	Judith Elaine Wilkinson	John E. and Barbara P.
12	Jane Wright Fowler	Herbert A. and Gertrude W.
17	Robert Leslie Ducker	George A. and Elizabeth C.
17	Helen Louise Munn	Charles R. and Helen B.
19	Elizabeth Elaine Gaw	Hamilton H. and Ethel G.
20	Marie Anna Peters	John and Josephine G.
21	John Jeremiah Levasseur	George and Irene D.
23	Edward Albert Dulong, Jr.	Edward and Rita H.
23	Ronald Amos Record	Amos J. and Antonia K.
27	William Francis Murphy, Jr.	William F. and Elena C.
31	Arthur Willard Hudson, Jr.	Arthur W. and Thelma L.
November		
1	Andrea Burhoe	Douglas W. and Mary F.
8	George Ray Larson	Elmer J. and Gladys G.
8	Michael Henry Logan	Francis M. and Mabel T.
10	Norman Mitchell Dufton, Jr.	Norman M. and Virginia P.
11	Mavis Elaine Williams	Roland K. and Mavis B.
12	Clifford Lloyd Turner	Rudolph G. and Annie M.
18	Donald Francis Sillars	Elmer V. and Gertrude M.
22		
28	Nancy Carol Skinner	William and Vera D.
30	George Augustus Schenck	George A. and Eunice M.

# BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1939

Date	Name	Parents
December		
3	Norman Bruce Kay	John R. and Elizabeth M.
3	James Munroe	William J. and Mary R.
13	Sylvia Ann Armstrong	Frederick J. and Nancy C.
14	Edward William Tasney, 3d	Edward W., Jr., and Elizabeth S.
16	Joan Marie Theriault	William J. and Katherine D.
18	Gerald Leroy Selfridge	John E. and Catherine M.
20	Brenda Lee Courtney	Stanley S. and Lorraine R.
22	Janice Kimball	Gordon B. and Mary C.
24	Mary Eleanor D'Entremont	Roger E. and Leone D.
27	John Koslouski	John J. and Marion H.
27	Edwin Clifford Symmes, Jr.	Edwin C. and Cleora D.

## OMISSIONS AND CORRECTIONS FOR OTHER YEARS

1899

Aug. 31 James Brunswick Cail Frederick W. and Mary M.

1910

Dec. 24 Christie Peter Harris Peter D. and Katherine N.

1914

October 6 Laurence John Babine Louis C. and Mary M.

1920

Dec. 7 Alice Mary Flynn Joseph W. and Mary F.

1921

Sept. 10 Thomas Henry Ainsworth Richard H. and Seraphine T.

1927

Nov. 9 Barbara Jean Skidmore Roy C. and Dorothy N.



# MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1939

Date	Name	Age	Occupation	Residence
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## January

1	Matthew George Beidl	33	Machinist	Reading
	Marie Z. Simonne Drolet	33	Bookkeeper	Reading
4	Wilfred Joseph Picard	36	Painter	Providence, R. I.
	Rebecca J. (Gauthier) Quimby	42	Nurse	South Weare, N. H.
11	Charles Leroy Smith	46	Oil Dealer	Reading
	Ruth Elizabeth (Dockendoff) Dooley	46	At Home	Reading
23	Wilhelm DeGroot	21	Fruit Dealer	North Reading
	Lillian May Carter	20	At Home	North Reading
24	Edward Nelson O'Hearne	31	Musician	Quincy
	Patricia Randolph Scharton	25	At Home	Reading
27	Edward Leo Sears	26	Rubber Worker	Reading
	Thelma Mary Riessle	24	Clerk	Reading
29	Gerald Francis Bredbury	33	Dentist	Reading
	Mary Blackwood	25	At Home	Brookline

## February

4	Norman Thomas Bissett	25	Salesman	Reading
	Elisabeth Snow	24	At Home	Reading
10	James Joseph Foy	27	Hotel Manager	Plainfield, Conn.
	Mary Catherine Riley	23	Teacher	Reading
11	Joseph James Demenkow, Jr.	23	Produce Dealer	Abington
	Genevieve Mary Faulkner	21	Waitress	Reading
11	Charles Theodore Seifert	31	Millworker	Plymouth
	Martha Lane	28	Clerk	Reading
17	Charlie Sylvester Wedge	22	Truck Driver	Reading
	Alice Margaret Clements	22	Laundry Worker	Reading

## March

2	Leonard Simon Hubbard	25	Laborer	Reading
	Alda Rebecca Coombs	25	Attendant	North Reading
14	Melvin Valentine Berninger	29	Mechanic	Melrose
	Mabel Elizabeth Swain	25	Clerk	Reading
16	David Harry Riseman	30	Druggist	Reading
	Doris Charam	28	Clerk	Reading
23	Philip Percel Welch	38	Supt. Bd. Public Wks.	Reading
	Hazel Ruth MacLaughlin	35	Comptometer Operator	Somerville

# MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1939

Date	Name	Age	Occupation	Residence
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## April

27	Wiliam Guy Hurd	65	Assembler	Reading
	Sarah Jane (Dutton) Sawyer	63	Housekeeper	Reading
1	Richard Dermon Gale	24	Clerk	Reading
	June Elizabeth Lenfest	20	Hairdresser	Reading
9	Joseph Francis Fitzpatrick	25	Car Cleaner	Chelsea
	Marie Anne Mabel Doucette	24	Cashier	Reading
16	Cornelius Francis Cadigan	24	Millhand	Medford
	Evelyn Mary Meuse	22	At Home	Reading
16	John Edward Toner	34	Painter	Reading
	Helen Marguerite Sullivan	27	Housework	Reading
16	William Joheph Theriault	24	Tree Climber	Reading
	Kathleen Emily Dwyer	19	Waitress	Reading
19	Lawrence Peter Dulong	30	Carpenter	Wakefield
	Margaret Ann Perry	25	Laundry Worker	Reading
22	Robert Chenery Masters	31	Bank Examiner	Watertown
	Ruth Libby Chesley	25	Bank Clerk	Reading
23	William Coles	30	Compressor Operator	Reading
	Mary Angeline Rudolph	29	Clerk	Reading
23	Ralph Mittucci	22	Clerk	Malden
	Janet Theriault	22	Housework	Reading
24	Kenneth Ashley Bigelow	26	Counterman	Reading
	Mary Catherine Gallant	31	At Home	Reading
29	Frank Campano	31	Chauffeur	North Reading
	Gertrude (Simms) Rourke	38	At Home	North Reading
29	William Hardwick Milton	26	Salesman	Reading
	Mildred Keith Davies	25	At Home	Reading
30	William Thomas Silva	20	Truck Driver	Reading
	Mabel Lucille Currier	22	At Home	Reading

## May

13	Harold Moulton Moody	23	Clerk	Reading
	Eunice Elizabeth Whitehead	21	Nurse	Winsted, Conn.
16	Gordon Paul Castine	25	Air Mechanic	Reading
	Ida Joyce Girard	22	At Home	Boston
19	Donald Weston DeCoster	24	Greenhouse Worker	Reading
	Norma Audrey Long	18	Housework	Reading
20	Richard Alden Pomfret	28	Engineer	Reading
	Ruth Marion Wilkinson	28	Bookkeeper	Reading

# MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1939

Date	Name	Age	Occupation	Residence
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## May

23	Augusto Alves	37	Mariner	New York City, N. Y.
	Gladys McCrae	43	Clerk	New York City, N. Y.
25	Thomas James McCarthy	32	Clerk	Reading
	Marion Dorothy Dearden	23	Stenographer	Reading
26	George Edwin Howes	73	Retired	Miami, Florida
	Hazel H. (Ward) Durgin	49	At Home	Miami, Florida
27	Raymond Richmond Heselton	24	Bookkeeper	Reading
	Corinne Blanche Doane	24	Secretary	Reading
27	Charles A. Johnston	27	Rigger	Haverhill
	Martha I. Van Hall	21	At Home	Haverhill
27	George William Muse	26	Laborer	Wakefield
	Marion Elizabeth Enos	23	Finisher	Reading
28	John James Duval	25	Millhand	Reading
	Jessie Catherine Muse	19	Clerk	Wakefield
30	Stanley Stephen Courtney	23	Stove Mechanic	Wakefield
	Lorraine Lillian Runge	17	Domestic Nurse	Reading
31	Sumpad Tavitian	30	Clerk	Plaistow, N. H.
	Helen Jeanette Gardella	26	Housework	Danville, N. H.

## June

3	Lawrence Gahn Clarke	36	Civil Engineer	Stoneham
	Priscilla May Cahoon	28	Private Secretary	Reading
3	Nelson Paul O'Brien	26	Printer	Reading
	Mildred Anna Messenger	18	Waitress	Wakefield
3	Kenneth Elijah Whiton	30	Statistician	Weymouth
	Delma Helena Turner	26	At Home	Reading
8	Henry Anson Jewell	21	Truck Driver	Tewksbury
	Jessie McMillan Bissett	18	At Home	Andover
10	Wilbur Smith Sias, Jr.	29	Engineer	Reading
	Barbara Hope Perrigo	27	Secretary	Malden
11	George Richard Burns	26	Clerk	Reading
	Ruth Marguerite Wilder	20	At Home	Reading
11	Edward William Petkewich	24	Bank Teller	Reading
	Althea Virginia Doucette	21	Bookkeeper	Reading
12	Concey Bonfanti	22	Hairdresser	Wakefield
	Virginia Runge	19	None	Reading
14	Arthur Lawrence Gaskill	30	Newsreel Cameraman	Reading
	Naomi Thelma Matthews	24	Graduate Nurse	Medford

# MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1939

Date	Name	Age	Occupation	Residence
June				
15	Harold Whitcomb Woodbury	30	Student Preacher	Somerville
	Crystal Gwendoline Foster	34	Teacher	Beverly
17	Austin Weldon Durgin	31	Clerk	Reading
	Gladys Helen Atwell	25	Secretary	Middletown, R. I.
17	Herbert Madden	20	Shipper	Reading
	Myrtle Isabell Morrow	20	None	Reading
18	Donald Marshall	26	Manager	Lowell
	Mary Theresa Shields	23	Secretary	Reading
19	Edward Dennis Weadick	22	Clerk	Wakefield
	Mabel Bennett Butters	21	Waitress	Reading
23	Herbert Mitchell Larkin	37	Milk Dealer	Reading
	Ethel Doris Griswold	28	Nurse	North Reading
23	Frederick Jones Pope	49	Teacher	Reading
	Helen (Burrell) Buck	43	Bank Clerk	Reading
23	Hubert Seely Shaw	23	School Teacher	Presque Isle, Me.
	Eleanor Jeanette French	21	At Home	Reading
24	Roys Arthur Ellis, Jr.	22	Pilot	Detroit, Mich.
	Marjorie Millicent Brown	23	At Home	Reading
July				
1	Niles William Pierpont	30	Salesman	Reading
	Doris Gertrude Goddard	31	Stenographer	Reading
1	Richard Hanson Rankin	26	Hardware Clerk	Watertown
	Dorothy May Ward	21	Typist	Reading
4	Thomas William Lynch	28	Bank Clerk	Reading
	Lillian F. Wirtz	28	Bank Clerk	Quincy
5	Richard Stephen Haselton	24	Floorman, Dept. Store	Reading
	Marjorie Eleanor Kenney	23	Asst. Librarian	Reading
9	Nathaniel Bailey Doane	21	Clerk	Reading
	Mary Ruth Whitten	24	Secretary	Wakefield
15	George Farrell Holmes	22	Brushmaker	Reading
	Holly Cobb	18	Waitress	Wakefield
16	Edward Stanley Norris	28	Marine	Reading
	Evelyn Leona Ferrie	20	Shoe Hand	Reading
25	Spencer Ervin Welch	23	Marine Detachment	Reading
	Veronica Kismaric	23	At Home	Philadelphia, Penn.
31	George Gliserman	24	Delicatessen Manager	Revere
	Rebecca Goldman	22	Salesgirl	Revere

# MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1939

Date	Name	Age	Occupation	Residence
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## August

6	Francis Joseph Dunn	31	Superintendent	Reading
	Margaret Mary Regan	29	Telephone Operator	Wakefield
6	Walter W. Rose	34	Electrician	Somerville
	Marie A. VanLaethen	32	Inspector	North Reading
7	Robert Philip Wilhelm	38	Production Mgr.	N. Y. City, N. Y.
	Eva (Huff) Taylor	34	Waitress	Pittsfield, Maine
9	Arthur Leonard Doucette	42	Mail Carrier	Reading
	Catherine Gertrude Hughes	41	Saleswoman	West Philadelphia, Penna.
10	Austin Richardson	41	Truck Driver	Reading
	Eleanor Gertrude Radulski	21	At Home	Reading
19	Norman Hayes Florence	20	Sheet Metal Worker	Reading
	Marion Louise Parker	21	Housework	Reading
20	Freeman Boynton Austin	34	Checker	North Weymouth
	Bertha Elizabeth Knight	30	Teacher	Reading
22	James D. Bromley	21	Truck Driver	Reading
	Loraine E. Machia	20		Jericho, Vt.
23	Leonard Cook	50	Locomotive Engineer	Melrose
	Lettie A. (Towle) Snow	47	At Home	Westmoreland, N. H.
26	Richard Hodgman	25	Salesman	Reading
	Virginia Nodding	28	At Home	Reading
26	Bartlett Nowell	39	Manufacturer	Reading
	Doris A. (Fraser) Hoadley	36	Secretary	Watertown
26	Cecil Dutton Terhune	26	Mechanic	Reading
	Elsie Georgia Peterson	36	Waitress	Woburn
28	Kermit John Nord	26	Clergyman	Mariaville, N. Y.
	Barbara Moseley Pierce	28	Teacher	Reading
28	George Windsor Wilkinson	40	Salesman	Cambridge
	Mildred Mary Brown	33	At Home	Cambridge
31	Charles Edward Folsom	25	Foreman and Tanner	Reading
	Winifred Merle Pierce	20	None	Reading
31	Christopher Gilligan	26	Machinist	Reading
	Theresa Ann O'Keefe	22	At Home	Wakefield

## September

1	Herbert Gordon Mitchell	23	Assistant Welder	Stoneham
	Dorothy Marie Fraughton	22	At Home	Reading
2	George W. Ritchie	27	Driver	Newport, R. I.
	Mary D. Sullivan	26	Registered Nurse	Reading

# MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1939

Date	Name	Age	Occupation	Residence
September				
3	Joseph Dagdigian	42	Steam Engineer	Reading
	Elizabeth Boyajian	31	Musician	Cambridge
4	Francis Aloysius Kerwin	27	Salesman	Reading
	Nora Marie Dynan	27	Clerk	Reading
4	Harold Martin Lawrence	26	Laborer	Reading
	Theresa Pintacoda	27	At Home	Somerville
4	Stephen Maximilian Sztucinski	26	Clerk	Reading
	Katherine Rita Callahan	23	Secretary	Reading
9	Karl Douglas Butler	29	Research Fellow	Ithaca, N. Y.
	Mollie Emerson Parker	23	Research Assistant	Reading
9	Frederick Albert Morrison	25	Clerk	Somerville
	Helen Loretta Anderson	28	Clerk	Somerville
11	Ernest Kelley	25	Carpenter	Milo, Maine
	June Arline Mooers	19	Waitress	Dover-Foxcroft, Maine
17	William Forsythe	28	Clerk	Reading
	Ruby Ellis	21	Waitress	Reading
18	Wilbur C. Aageson	47	Dairy Chemist	Wakefield
	Lucy M. Moores	31	Hairdresser	Everett
22	William Richard O'Connell	23	Salesman	Milford, N. H.
	Marjorie Frances Jameson	22	Registered Nurse	Reading
23	George Vincent Hanley	27	Salesman	Malden
	Dorothy June Day	26	Clerk	Reading
24	Joseph Doherty	31	Undertaker	Reading
	Alice Rita Murphy	31	Bookkeeper	Stoneham
24	Albert Monroe Taber	25	Bank Clerk	Reading
	Florence Rita Westland	24	Secretary	Woburn
29	Carl Thomas Wilson	33	Inspector	Reading
	Ruth Anderson	34	Clerk	Reading
30	Donald Martin Sullivan	25	Civil Engineer	Reading
	Christina Henderson Thorburn	25	At Home	Woburn
30	Ernest Robert Watson	26	Surveyor	Reading
	Ruth Anderson Hoag	27	File Clerk	Wakefield

## October

6	Francis Bosworth Parsons	36	Assistant Chemist	Reading
	Virginia Blanchard Vining	31	At Home	Newton



# MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1939

Date	Name	Age	Occupation	Residence
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## October

7	Walter Francis McGovern	22	Salesman	Boston
	Madelyne Louise Spellman	21	Bookkeeper	Reading
8	Frederick Delmar Carter	31	Salesman	Reading
	Mary Ann Richards	26	At Home	Reading
8	Morris Finkel	41	Newsdealer	Cambridge
	Helen Menovich	33	At Home	Reading
8	Louis Levine	28	Clerk	Reading
	Rose Ida Roscoe	24	Bookkeeper	Boston
8	Frank Pearce Whittle	32	Painter	Reading
	Margaret Mary Fitzpatrick	30	Secretary	Reading
11	Sten Waldemar Johnson	30	Auto. Body and Paint	Reading
	Mary Marchetti	24	Inspector	Reading
14	Henry Albert Phillips	50	Carpenter	Reading
	Georgie Kathleen Morse	36	Bookkeeper	Reading
14	Robert Rogers Wrigley	35	Salesman	Lynn
	Margaret Miles Partelow	34	Bank Clerk	Reading
15	William F. Cummings	38	Estimator	North Reading
	Katherine A. Kelleher	30	Switch Board Operator	North Reading
15	Paul Thomas Stephens	20	Mechanic	North Reading
	Lillian Elizabeth Marr	17	Student	Reading
21	Lewis Edward Pierce, Jr.	27	Restaurant Manager	Reading
	Ruth Elizabeth Pomfret	24	Secretary	Reading
23	John Lawton Maguire	22	Salesman	Reading
	Dorothy Holmes	28	Pastry Clerk	Somerville
28	Carl Leslie Wood	20	Machine Operator	Reading
	Phyllis Winniefred McIntire	18	Housework	North Reading

## November

3	Jeremiah J. Sullivan	50	Lineman	Lowell
	Mary V. (Hand) Krause	41	Nurse	Lowell
5	Carl Loyal Jacques, Jr.	19	Mechanic	Wakefield
	Helen Gertrude McCarthy	19	At Home	Reading
9	Eric Ramsey Sturges	40	Clerk	Reading
	Grace Ainley Mathews	37	Clerk	Reading
12	John Walter Frotten	26	Landscape Gardener	Reading
	Martha Burnedette Harding	31	Housework	Malden

# MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1939

Date	Name	Age	Occupation	Residence
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## November

15	Joseph Francis Riley	23	Inspector	Nashua, N. H.
	Panagiota Anastasopoulos	27	At Home	Nashua, N. H.
18	Harold Anthony Melanson	36	Rubber Worker	Reading
	Lillian Margaret (LeFave) White	35	Saleslady	Reading
18	Martin Gynther Gynthersen	31	Florist	Reading
	Ada Louise Knapp	25	Housework	Boston
25	Charles Wade Barnes	28	R. R. Trackman	Reading
	Phyllis Hulda Starke	27	Maid	Reading
26	Edward Muccio	23	Shoe Worker	Wakefield
	Marguerite Lillian Avery	23	Housework	Reading
27	Charles Francis Lincoln	28	Salesman	Cohasset
	Alva Violet Bengtson	19	Student	Barre, Vt.
30	James Henry Thornton	28	Rubber Worker	Reading
	Mary Emily Peters	26	Clerk	Reading

## December

1	George Edward Morrison	25	Operator Helper	Everett
	Phyllis Elizabeth Mahaney	20	At Home	Reading
9	Herbert Frederick Mann	26	Painter and Decorator	Reading
	Phyllis Anna Seuss	21	Housekeeper	Reading
15	John Francis MacNeil	23	Salesman	Somerville
	Doris Anna Hersom	21	Insurance Clerk	Reading
16	Phillip Gregory Willcox	29	Security Analyst	Winchester
	Dorothy Mary Wright	27	Clerk	Reading
21	William H. Kimball	66	Retired	Reading
	Beaxy (Fairbanks) Day	61	Housewife	New London, Conn.
28	Kenneth Hilliard Blanchard	20	Student	Derry, N. H.
	Ogla Mae Fullonton	20	Stenographer	Derry, N. H.
28	J. Fred Kalbach	25	Electrical Engineer	Lynn
	Bettina T. Cook	25	Bank Clerk	Reading
30	Frank Lester Spurr	22	Shipper	Reading
	Bertha Pierce Mitchell	23	Saleslady	Reading

# DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1939

Date	Name	Y	M	D	Cause of Death
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## January

3	Helen H. (Haskins) Score	66	11	14	Pancreatitis
11	Ethel L. (Patterson) Carter	66	5	12	Hemorrhage
14	Foster F. Barnes	64	6	7	Angina Pectoris
14	Arthur William Cameron	0	1	26	Marasmus
14	John E. Morris	68	8	6	Leukemia
16	Frederick M. Weale	69	7	11	Thrombosis
22	Susan Crosby	84	2	20	Asthma
26	Angie R. (Brooks) Bryant	77	4	30	Hemorrhage
28	Alice E. (Shore) Robinson	79	1	3	Embolism

## February

6	Florence M. Russell	54	3	—	Carcinoma
7	Charles Henry Kingman	91	3	17	Arterio Sclerosis
8	William Borthwick	55	9	21	Thrombosis
10					
14	Robert Hutchins Gorton	36	1	27	Tuberculosis
14	Mattie S. (Allison) Johnson				Mitral Insufficiency
16	Agnes M. (Sypher) Gromyko	44	—	—	Carcinoma
16	Florence M. (Cummings) Roberts	73	1	2	Carcinoma
18	Allan D. MacKillop	38	3	—	Cardio-Vascular Disease
21	Caroline D. Putnam	87	11	27	Hemorrhage
22	Gilbert James Perry	9	—	—	Pneumonia
23	Sarah F. (Huff) Richards	95	1	25	Myocarditis
24	Frank P. Doucette	46	—	—	Heart Disease
25	Clara (Fuhrus) Wilson	69	1	29	Heart Disease
26	Melvin L. Stevens	65	0	11	Thrombosis
27	Annie C. (Lovejoy) Weston	77	6	23	Auricular Fibrillation
28	Barbara Helen Henderson	0	4	7	Staphylococcus
28	Jennie (Ccle) Sanborn	74	8	25	Sclerosis

## March

3	Edward H. Corrie	88	—	—	Myocarditis
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# DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1939

Date	Name	Y	M	D	Cause of Death
March					
4	Elizabeth (McKinnon) McNeil	85	—	—	Hemorrhage
4	Norman P. Taber	29	2	20	Meningitis
5	Frank W. White	29	11	—	Auto. Accident
6	William H. Drake	68	10	6	Hemorrhage
9	Evangeline (Laden) Mallander	72	10	14	Hemorrhage
10	Annie A. (Soule) Hildreth	75	4	10	Myocarditis
11	Lillian Hubbard	43	7	2	Hemorrhage
11	Horace Wheeler Jordan	62	2	23	Heart Disease
12	Warren C. Hill	59	8	8	Thrombosis
14	Alice E. Doucette	0	0	12	Pneumonia
17	Infant Muise	0	0	1	hr. 30 min. Hemorrhage
18	Frank H. Baker	78	6	26	Pneumonia
20	Bridget M. (O'Keefe) O'Keefe	53	—	—	Lung Abscess
21	Edgar Noble Hunt	87	9	14	Pneumonia
21	Daniel Edward McLaughlin	21	1	14	Pneumonia
21	Julia Evelyn (Snow) Rounds	86	5	18	Carcinoma
22	Mary J. (Phillips) Doherty	73	—	—	Pneumonia
25	Amelia H. (Northrup) Brown	71	2	16	Hemorrhage
25	Alice M. Holmes	20	4	2	Carbon-Monoxide Poisoning
26	Franklin Bitzer	0	3	13	Heart Disease
April					
?	Eben G. Beard	70	7	20	Exposure
2	John William Quillen	79	0	3	Uremia
4	Katherine Mary Marinelli	0	0	12	Meningocele
7	William A. Cummings	65	8	7	Nephritis
7	Margaret A. (Beaton) King	91	8	27	Dilatation of Heart
13	Edward W. Alexander	73	10	22	Arterio Sclerosis
15	Harriet L. (Colbert) Rooney	64	3	15	Carcinoma
16	Ellen (Mahoney) Mooney	80	—	—	Hemorrhage
17	Patrick J. Maguire	82	5	14	Hemorrhage
19	Ruth (Ware) Goodwill	85	10	16	Hemorrhage
21	Rufus H. Lord	78	—	—	Bronchitis
26					
27	Sarah (Roberts) Richardson	65	—	—	Carcinoma
29	Benjamin J. Downs	51	—	—	Septicemia

# DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1939

Date	Name	Y	M	D	Cause of Death
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## May

6	Richard Ralph Butters	0	0	19 hrs.	Atelectasis
6	Dana Fitz Dow	71	—	—	Embolus
11	Sarah L. (Taylor) McDonald	78	—	—	Occlusion
19	Ella M. (Porter) Towns	54	9	27	Hemorrhage
24	Anna Jones (Norcross) Swett	83	5	20	Uremic Coma
26	Cora M. (Prescott) Nichols	82	7	18	Carcinoma
27	Olive (Yeaton) Holmes	67	8	1	Thrombosis
28	Henry Thomas Povall	79	0	20	Hemorrhage
28	Grace (Raymond) Ramsey	54	7	3	Myocarditis
31	Krikor Melkonian	82	—	—	Gangrene

## June

4	Edwin Elwood Manter	74	2	19	Thrombosis
5	Edward Curley	60	5	15	Convulsions
5	Orville C. Poland	79	11	2	Uremia
7	Frank Hittl	63	5	29	Peritonitis
9	Edward Willis Flint	76	5	8	Carcinoma
12	Percy Ray Danforth	61	7	24	Heart Disease
12	Clara S. (Lake) Gutterson	70	4	7	Hemorrhage
17	Herbert W. Sawyer	78	9	9	Carcinoma
23	George Beauchamp	12	1	12	Auto. Accident
26	John J. Riley	41	—	—	Auto. Accident
27	Margaret (Connelly) Lehan	60	—	—	Heart Disease
28	Louisa Wilson (Danforth) Timkham	88	6	23	Arterio Sclerosis

## July

4	Annie Cawley	53	9	—	Diabetes
6	Isaac S. Kelley	63	10	18	Carcinoma
7	Amanda C. (Condon) Whitney	94	9	23	Heart Failure
9	Frank A. Butters, Jr.	32	9	5	Monoxide Poisoning
11	Hiram J. Philbrook	78	9	4	Arterio Sclerosis
13	Allice A. (Green) Knight	53	8	8	Heart Disease
22	William J. Lister	77	6	22	Carcinoma
25	Fannie A. (LeClair) Allen	75	1	5	Anaemia

# DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1939

Date	Name	Y	M	D	Cause of Death
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## July

26	Margaret E. Whittier	41	1	28	Auto. Accident
31	Frank H. Jackson	78	—	—	Myocarditis

## August

1	Clara C. Pierce	87	2	29	Hemorrhage
8	Mary Josephine Devaney	58	1	3	Hemorrhage
8	Kirk P. Sanborn	69	5	5	Hemorrhage
19	George H. Hartwell	73	11	—	Hemorrhage
26	Infant Sullivan	0	0	8 hrs.	Atelectasis

## September

1					
2	Mary L. Kedglie	73	4	0	Carcinoma
14	Edward W. Raymond	76	11	22	Thrombosis
19	Chester A. Parker	80	4	13	Myocarditis
22	Mary E. (Fiaherty) Weafer	78	—	—	Arterio Sclerosis
25	Dennis L. Meuse, Jr.	13	3	19	Pneumonia
28	Charles W. Flint	80	1	12	Arterio Sclerosis

## October

1	Samuel C. Wadden	71	9	11	Pneumonia
4	Everett W. Brewer	49	6	1	Gunshot Wound
5	William G. Hurd	65	10	19	Hemorrhage
7	Alice Theresa Brennan	50	—	—	Occlusion
7	Elen A. Francis	86	0	17	Colitis
7	Alice Ball (Badger) Greenyer	65	7	25	Carcinoma
11	Francis J. Clark	78	4	—	Pneumonia
11	Mary Alice (Denham) Lowell	83	8	11	Pneumonia



DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1939

Date	Name	Y	M	D	Cause of Death
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October

19	Bertha A. (Leard) Higgins	67	5	5	Hepatitis
20	Wilbur C. Cummings	76	2	14	Heart Disease
21	Mary Sophia Bement	86	2	30	Cachexia
26	Frances (Smith) Mansfield	64	11	22	Congestive Failure
27	Mary Hannah Leeds	85	3	—	Heart Disease

November

1	Charles F. Gormlie	53	2	—	Accidental Fall
3	Frederick M. Day	53	10	20	Gangrene
4	Ralph Zobel Butters	26	9	17	Accidental Poisoning
13	Fred E. Chesley	74	3	13	Hemorrhage
17	Martin Radulski	70	—	—	Congestive Failure
18	Harriet M. (Hawes) Gay	78	6	1	Arterio Sclerosis
18	Glendyne Althea Smith	10	7	26	Pneumonia
19	Anna (Fellows) Carter	85	4	15	Hemorrhage
21	James J. Griffin	54	—	—	Carcinomatosis
22	Mary J. (O'Grady) McDavitt	81	5	28	Endocarditis
22					

December

1	Annie K. (Bullock) Dame	75	7	18	Thrombosis
2	Jennie P. (Gass) Smith	70	—	—	Hemorrhage
7	Ella A. (Provencher) Hart	71	11	17	Heart Block
9	Elmer P. Crooker	75	2	26	Myocarditis
11	Patrick Thornton	75	—	—	Hemorrhage
11	Rufus E. Wright	55	4	24	Carbon-Monoxide Poisoning
12	Abbie E. (Lewis) Fellows	48	6	4	Carcinoma
14	John Mande Doucette	70	8	—	Carcinoma
24	James A. Newell	67	6	24	Dilatation of Heart
30	Alice S. (Etchels) Hayes	76	3	3	Hemorrhage

## REPORT OF THE BOARD OF SELECTMEN

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To the citizens of the Town of Reading :

The annual report of the Board of Selectmen for the year ending December 31, 1939 is hereby submitted :

The Board organized following the Town Election with

Carl W. Goodridge, Chairman  
Newell H. Morton, Secretary  
Robert E. Fowle  
Leon G. Bent, Clerk.

Meetings were held regularly every Friday evening, besides many special meetings, two of which convened late on **Saturday evenings.**

### **Appointments Made in 1939**

Board of Registrars—Three years—Owen McKenney.  
Board of Appeal—Three years—Benjamin B. Piper.  
Associate Member Board of Appeal—Three years—Herbert T. Schoppelry.  
W. P. A. Sponsor's Agent—Arthur C. Michelini.  
Soldiers' Relief Agent—Charles W. H. Smith.  
Commissioner of Trust Funds—Six years—Clarence C. White.  
Sealer of Weights & Measures—Carl M. Smith.  
Gas Inspector—David Taggart.  
Dog Officer—Charles H. Melendy.  
Building Inspector—A. Russell Barnes.  
Burial Agent, Soldiers' and Sailors'—Charles E. Tasney.  
Custodian Soldiers' Graves—Harry A. Turner.  
Custodian Town Farm—Arthur C. Michelini.  
Keeper of the Lock Up—Jeremiah Cullinane.  
Supt. Fire Alarm—Hugh L. Eames.  
Inspector of Wires—Albert C. Maxwell.  
Weighers of Coal and Hay—Thomas E. Brogan, Charles W. Lee, Mabel L. McKay, Bertha D. MacLellan, Wendell B. Newell, Percy N. Sweetser.

Field Drivers—Arthur W. Bancroft, Adolph S. Larson, Edward E. Nichols.

Fence Viewers—Wendell B. Newell, Carl B. Sawyer, Albert E. Temple.

Committee on Elm Tree Protection—Andrew Christensen, Henry M. Donegan, John F. Sawyer.

Committee on Town Forests—Henry M. Donegan—three years.

Finance Committee—Louis Davis—three years, A. Alden Goldsmith, three years, Frank M. Merrill—three years, Charles F. Trevor—three years, William G. Long—three years.

Town Accountant—Three years—Leon G. Bent.

Game Warden—James T. Putnam.

Moth Superintendent—Henry M. Donegan.

Inspector of Animals—Bernard Schimpfke.

Special Police Officers—John F. Maguire and Charles L. Cummings, Reading High School; Sylvanus Thompson, Lowell St. School; Edward McBrien, Center and Union St. Schools; Walter Smith, Junior High School; James L. Healey, Highland School; Henry W. Bryden, Junior High School; William H. Killam, Municipal Building and Library; Frank F. Strout, Pumping Station; Ralph F. Plouff, William P. Pierpont, William H. Manning, Charles H. Melendy, Gardner A. Perry, Edgar C. Stuart, American Legion Quarters; Robert O. Chesley, Unitarian Church and Community Hall; Thomas F. Classen, Sidney Frederick, Sewerage Pumping Station and vicinity; Edward E. Harnden, Town Farm; Charles L. Gowing, Jr., Reading Theater; Fred Reissle, Junior High School; Daniel J. O'Keefe, Town Dump; J. Edward Black, Herbert F. Carter, J. Winthrop Sias, Norman H. Jewett, George O'Keefe, Jacob C. Neilson, George Hall, Frederick W. Burns, Town Forest; Arthur C. Michelini, Town Farm; Charles E. Langdon, Security Hall and Odd Fellows Hall.

## Police

The two-way radio and the two cruising cars have now been in service for a period long enough to prove their efficiency. The plan of the Board is to replace one of these cars each year, and keep them on patrol as much as possible. However the Board and our Chief fully realize the value of the man on the beat as indispensable. A W. P. A. project just completed, has indexed all the records and a clerk has been retained to keep them in good shape.

## **Fire**

As stated in previous reports, some action will have to be taken on the replacing of the hook and ladder truck in the near future. The truck is a hazard not only to those who operate it, but to those who are on the highways at the time of a fire. A W. P. A. project is working at the Station indexing all the fire records, past and present.

False alarms and the setting of fires, mostly brush, have been a problem this year. Some of the persons responsible have been apprehended and turned over to the police.

## **Town Forest**

Another fire at the Forest this year destroyed several hundred trees. The danger of fire has made it necessary to keep a man on the premises all during the dry season. More trees are to be planted in 1940 to replace those destroyed. A W. P. A. project to trim the large trees, build better roads and increase the number of water holes is now in progress.

## **Tree and Moth**

Trees have been planted along the highway to replace those lost in the hurricane of 1938. The W. P. A. is working on insect extermination and has already proven its worth.

## **Traffic and Parking**

Parking, particularly in the Square, has been and still is a growing problem. Several regulations have been put into effect. At present further research is being conducted with a hope of lessening the problem during the next year.

More complaints are received by the Board regarding speeding than on any other matter. The streets affected are not by any means confined to our Main Streets. Signs have been added at some intersections and certain streets have been further patrolled by the police. The Board does not lean too heavily toward further signs, believing too many will offset the value of those already up. Your Board is giving this problem considerable time and thought. The chief difficulty is in curbing the human weakness in wanting to get somewhere in a hurry with the present day high-powered cars.

## **Odors**

Outstanding among the activities of the year, has been the work trying to eliminate odors from factories in the neighboring city of Woburn. The situation has been getting worse over the past several

years. Nearly the whole westerly half of the town is affected, and in hot, sultry weather its extent has been considerably more.

It was thought to have been cured two years ago when the Metropolitan Sewer was connected, and for a time there were few odors. During the late spring the matter was taken up with the State Department of Health and at their suggestion an investigation was conducted to ascertain from just where the odors emanated.

The situation was brought to a head with a midsummer hearing before the State Board of Health at the State House, and with the co-operation of many citizens who supported the Board and attended the hearing, favorable results have been attained.

### **W. P. A.**

The Board has continued to foster projects believed to be of some real value to the Town. Projects of this type will be of lasting benefit. Outstanding are the Forest Glen Cemetery and Pearl St. sewer projects.

The Board wishes to express its appreciation for the co-operation of all Boards, officials and employees during the past year.

Respectfully submitted,

CARL W. GOODRIDGE, Chm.

NEWELL H. MORTON, Secty.

ROBERT E. FOWLE

Board of Selectmen

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### **REPORT OF TOWN COUNSEL**

To the Honorable, the Law Committee of the Town of Reading:

I submit herewith my report as Town Counsel for the year ending December 31, 1939.

During the past year, sixteen tax lien foreclosure cases were filed in the Land Court and prosecuted to final conclusion and nine properties were foreclosed under the Statute of Low Value. Release deeds have been prepared transferring property sold by the Board of Selectmen and acquired by the Town through tax lien foreclosure proceedings in the Land Court. Several tax titles were referred for foreclosure but it was not necessary to commence proceedings in the Court as the preliminary action taken resulted in the collection of \$14,237.62 in overdue taxes. Opinions have been rendered the Board of Selectmen on various municipal matters. Traffic regulations have been drafted and the approval of the Department of Public Works obtained and such regu-

lations have become effective by publication as required by law. Services were rendered in connection with the bequest to the Town under the will of George H. Grouard for the establishment of a hospital. The contract, specifications and performance bond for the furnishing and erection of the World War Memorial were drafted and advice and assistance were given to the Memorial Committee in connection therewith. Articles and motions for the annual and special Town Meetings on other than routine matters were drafted for Town Departments.

Complaint was brought before the State Board of Health protesting the disagreeable odors drifting over the Town from the plant at Woburn. Hearing was held before the State Department of Public Health and many objectors from the Town were heard resulting in an order being issued by the Public Health Department abating the nuisance.

The Board of Public Works routine matters relating to the laying out of streets, orders of taking, easements for drainage and water mains and waivers of claims for damages have required my attention and advice. Opinions were rendered to the Board on various Public Works activities. In the matter of the drainage of the low lands adjacent to Lake Quannapowitt, the drainage bill was drafted, hearings were conducted and services rendered in connection with the enactment of the bill by the Legislature and conferences were held with various State departments relative to the objections of the Town of Wakefield to the proposed drainage law.

The activities of the School Department relative to the erection of the new Elementary School on Pearl Street under a P. W. A. grant have come before me for consideration and advice. I supervised the preparation of the contract for the construction of the school house building and the performance bond given by the contractor in connection therewith. The equipment in the school was furnished by six different companies which necessitated the preparation and approval of contract documents and performance bond for each of the contractors. The P. W. A. requirements of the Government relating to legal forms and documents in connection with the carrying out of this project were supervised, prepared and submitted for my approval and consideration and many resolutions of the school committee were drafted relative to formal action taken in furtherance of the project. The outstanding contract for the transportation of school children was assigned by the contractor and a new contract for such transportation was prepared running to the assignee and containing the necessary provisions relating to the transportation of children to the new school which was opened on January 3, 1940. Several opinions relating to school matters have been rendered and advice given in regard to legal questions involving the operation of public schools. The contract for the removal of



ashes and rubbish from the schools was submitted for my consideration and approval. Reimbursement was secured for the Town for damage caused to the fence of the Junior High School as a result of an automobile accident.

Services were required in the matter of the purchase of Black's Block property for the use of the Municipal Light Department and for the erection of an office building thereon. The title to the property was examined and the supervision of the matter of the acquisition of the property and discharge of the outstanding encumbrances were included as part of the services rendered in the conclusion of the transaction. The legal details of the advertisement for bids, the preparation of the contract documents for the erection of the building including the performance bond of the contractor came under my supervision. Several claims of the Municipal Light Department were referred to me for collection and suits have been brought and satisfactory settlements have been obtained in certain cases. A new form of conditional sales contract was prepared for the Department to meet the requirements of a recent amendment to the General Laws and opinions have been rendered concerning Department matters. I am defending the Town's contingent interest in a suit for death and conscious suffering as a result of an accident involving the Electric Light Department wherein the policy contract of the Town is limited in its protection to \$10,000 and the amount of the alleged damages in the writ is \$50,000. As a result of an accident on Main Street causing damage to an electric light standard and traffic signal, I secured for the Town in settlement, the title to an automobile owned by the person responsible therefor.

Several opinions were rendered concerning welfare matters and under the Old Age Assistance Law mortgages and bonds given by recipients of Old Age Assistance were prepared and recorded in the Registry of Deeds after completing the necessary examination of the real estate title. Guardianship proceedings which were started in the Middlesex Probate Court in 1938 for the purpose of seeking reimbursement for Welfare aid furnished, were concluded resulting in the payment to the Town of approximately \$100. Two cases involving damage to automobiles used by the Welfare Department were satisfactorily compromised so the Town was compensated for the damage sustained. One of the suits brought by municipality against the Town to recover for Welfare aid furnished individuals having a legal settlement in Reading was duly adjusted and the final record disposing of the case has been entered in Court.

At the beginning of the year twenty-seven appeals relating to the valuation of real estate were pending against the Assessors before the Appellate Tax Board. All of these cases were disposed of either by trial or satisfactory adjustment by agreement of the parties. I repre-

sented the interest of the Town at a hearing before the Bankruptcy Court to determine the valuation for taxation purposes of the real and personal property of a taxpayer. Seventeen appeals are now pending before the Appellate Tax Board. Opinions have been rendered to the Board of Assessors concerning assessments of property and tax matters. The damage to the cemetery stone wall on the westerly side of Main Street which was occasioned by the construction of the State Highway by the Commonwealth has been settled and the State has rebuilt the wall.

Several Trustee's Answers were filed in behalf of the Town in connection with suits brought against contractors and all the claims have been satisfactorily adjusted. Suits were brought by two municipalities against the Town to recover for Welfare aid furnished individuals having legal settlement in the Town and four suits were commenced against the Town for alleged claim for damages sustained as a result of accidents on the highways. Four claims were made against the Town resulting from alleged accidents on the highways and two of these claims have been disposed of by compromise after authorization by vote of the committee. Two suits pending in the Superior Court by authority of the committee have been satisfactorily adjusted. There are still pending in the Courts, against the Town, eleven suits which will be disposed of as soon as they are reached for trial upon the Court Docket.

In the performance of the duties of my office, I have prosecuted all suits ordered to be brought in behalf of the Town, have defended all actions or suits brought against the Town, have drafted all contracts, bonds, deeds and other legal instruments, have attended all hearings involving municipal affairs, have rendered opinions to all departments upon any subject concerning municipal matters and have performed every professional act required of me in the execution of the duties of my office.

Respectfully submitted,

SAMUEL H. DAVIS

Town Counsel

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## REPORT OF CHIEF OF POLICE

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To the Honorable Board of Selectmen  
Gentlemen:

I hereby submit the annual report of the Police Department of the Town of Reading for the year ending December 31, 1939.

Arrests for the year 1939 ..... 228

Males, 219; Females, 9; Residents, 122; Non-residents, 106; Adults, 212; Minors, 16; American born, 204; Foreign born, 24.

### **Causes of Arrests**

Drunkenness, 105; Warrants for Out of Town Officers, 6; Non-Support, 10; Operating under influence of liquor, 16; Insane, 4; Assault and Battery, 4; Stubborn child, 1; Breaking and Entering in daytime, 5; Capias, 7; Leaving scene of accident, 1; Suspicious person, 1; Carrying loaded revolver without a permit, 1; Breaking and Entering in night-time, 8; Abortion, 2; Kidnapping, 1; Passing bad checks, 1; Ringing false fire alarm, 1; Larceny, 3; Larceny of auto, 2; Malicious damage to property, 2; Runaway, 2; Attempt to commit larceny, 1; Promoting a lottery, 1; Violation Chap. 90—Sec. 15—Gen. Laws R. R. Crossing, 1; Operating so as to endanger, 5; Illegitimacy, 1; Setting a fire without a permit, 1; Operating after license expired, 1; Attempt to sell mortgaged property, 1; Auto violations, 33.

### **Disposition of Cases in Court**

Fined, 43; Filed, 28; Released, 66; Suspended sentence, 11; Dismissed, 7; Probation, 2; Appealed, 13; Turned over to out-of-town Officers, 14; Continued, 13; State Farm, Bridgewater, 1; House of Correction, Billerica, 4; Discharged, 1; Danvers State Hospital, 4; Capias issued, 2; Probable cause, 8; Dismissed for lack of prosecution, 3; Not guilty, 6; Turned over to parents, 2.

### **Amount of Fines Imposed by Court**

24 at \$5.00 each, \$120.00; 2 at \$20.00 each, \$40.00; 4 at \$25.00 each, \$100.00; 5 at \$50.00 each, \$250.00; 1 at \$60.00 each, \$60.00; 6 at \$35.00 each, \$210.00; 1 at \$100.00 each, \$100.00.

### **Miscellaneous**

Cases investigated, 459; automobile accidents, 127; transients put up, 94; buildings found open and secured, 160; cats shot by officers, 4; special messages delivered after hours, 115; children lost and found and turned over to parents, 24; windows found open and secured, 45; live wires found and reported, 2; street lights out and reported, 58; old persons found straying picked up and returned to their homes, 8; fires reported by officers, 12; defective streets and sidewalks reported, 46; summons delivered, 174; dead bodies cared for, 3; covered all fires; property reported stolen, \$8,827.50; property recovered, \$13,855.26; property recovered for out of town officers, \$4,285.00; persons injured in accidents and taken to doctors, 71; persons injured in accidents and taken to hospital, 31; fatal accidents, 2; total runs made by ambulance, 173; to following hospitals, Massachusetts General, 10; Massachusetts Memorial, 12; Choate Memorial, Woburn, 27; Winchester, 46; Palmer Memorial, 2; Boston Osteopathic, 5; Danvers State, 3; Melrose Hospital, 6; Carney, 15; St. John's, Lowell, 23; Baker Memorial, 3; Chelsea Naval, 2; Boston Lying-In, 1; St. Elizabeth's, 2; Tewksbury, 2; Lawrence General, 1; Deaconness, 1; trips made within town limits, 13. A total of 3,609 miles was covered by the Ambulance; Cruiser No. 1 cov-

ered 25,200 miles from Jan. 1 to Oct. 3, when it was replaced by a new one; the new Cruiser No. 1 has covered 11,400 miles from Oct. 8 to Dec. 31; Cruiser No. 2 has covered 35,547 miles during the year 1939, making a total of 75,756 miles travelled by the various automotive units of the department for 1939.

#### **Conclusion**

At this time I wish to thank the Honorable Board of Selectmen, the Judges of our District Court, the Clerks of our Court, our local Press, and all others who assisted in promoting the welfare of this department, also the members of this department for what they have done.

Respectfully submitted,  
JEREMIAH CULLINANE,  
Chief of Police, Reading, Mass.

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### **REPORT OF THE CHIEF OF THE FIRE DEPARTMENT**

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To the Honorable Board of Selectmen  
Gentlemen:

The 1939 report of the Chief of the Fire Department is herewith submitted.

#### **Manual Force**

The manual force of the department consists of 9 permanent men, including the Chief, and 23 call men.

#### **Apparatus**

At the Central Fire Station are located a 1937 Packard sedan Chief's car; Engine 1, a 1,000 gal. per. min. Seagrave pumping engine with a 100 gallon booster tank, purchased in 1934; Engine 3, a 600 gal. per. min. Seagrave pumping engine with an 85 gallon booster tank, purchased in 1929, Engine 4, a 1932 Chevrolet 1½ ton truck used for forest and grass fires, which carries a 100 gal. per min. portable pump and a 65 gallon booster tank and 3,000 feet of 1½ inch hose; Ladder 1, a Robinson ladder truck purchased in 1916 and powered with a White motor taken from a 1913 or 1914 coupe. This piece of apparatus has reached the condition where it is a hazard, it is undependable and the ladders, many of which were from the old horse drawn truck, are unsafe.

Engine 2, a 400 gal. per min. Seagrave pumping engine with a 65 gallon booster tank is located at the Woburn street station. The pump on this engine received extensive repairs this year. This engine was purchased in 1926.

#### **Permits**

Permits have been issued for the storage of 24,650 gallons of fuel oil in connection with 78 power burners and 37 range burners. There

are now recorded a total of 2742 oil burners of which 1528 are range burners and 1214 are power burners. 8 permits for the sale of fire-works were granted 3 for blasting and 8 for the storage of alcohol products.

### Service Record

The department has answered 427 calls, an increase of 81 over last year. There were 26 false alarms an increase of 7 over 1938. One arrest was made and conviction obtained in the Woburn Court.

Value of property endangered by fire	\$305,475.00
Insurance on same	267,000.00
Loss	14,481.25
Insurance Paid	10,455.70
Uninsured Loss	4,025.55
Miles traveled	9,272.3
Feet of hose laid, 2½ inch	17,900
1½ inch	40,800
1 inch	6,250
¾ inch	6,400
Feet of ladder raised	730
Booster tanks used	119
3 gallons soda and acid extinguishers	26
1 quart carbon-tetrachloride extinguishers	3
Carbon-dioxide extinguishers	9
Foam extinguishers	2
Hours engines pumped	99¼
Calls for inhalator	2
Salvage covers spread	12
Lighting unit used, hours	23½

### Recommendations

I recommend that Ladder 1 be replaced at once as this piece of apparatus is now unsafe for further use and the ladders are dangerous to use.

The permanent force should be increased and radio installed in the Chief's car.

### Conclusion

In conclusion I wish to thank the Honorable Board for its co-operation, the members of the department for the faithful performance of their duty, the employees of the telephone company for their valuable aid in the reception of emergency calls by telephone and all other town departments and persons who have assisted this department.

Respectfully submitted,

HUGH L. EAMES,

Chief of the Fire Department.



## REPORT OF THE FOREST FIRE WARDEN

---

To the Honorable Board of Selectmen

Gentlemen:

The annual report of the Forest Fire Warden is hereby submitted.

The department has responded to 156 grass and brush fires and 16 rubbish and dump fires. This is 43 more than last year. The greater number were of incendiary origin. Many were caused by improper incinerators.

One man was convicted in the Woburn Court for having a fire without a permit. Two incendiary fires were started in the Town Forest.

Much valuable work was done by the C. C. C. units which worked twelve weeks clearing up the hurricane blowdown hazards, clearing wood roads, and cutting new fire roads to allow the passage of fire apparatus through the woods. With this work accomplished there is still a serious forest fire hazard.

On September 23rd, a fire crossed the meadows from John street and endangered the property in the "Fair Grounds" section. Assistance was rendered by the departments from North Reading, Stoneham, Wakefield and Wilmington. Valuable assistance was given by many volunteers.

I wish to thank all who have assisted this department.

Respectfully submitted,

HUGH L. EAMES,

Forest Fire Warden.

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## REPORT OF THE BOARD OF APPEAL

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To the Honorable Board of Selectmen

Reading, Massachusetts

Gentlemen:

Two petitions for variation of the application of the Zoning By-Law were presented to the Board of Appeal during the year 1939, of which one was granted and one denied.

Detailed reports of both cases are on file at the office of the Town Clerk, and are open to public inspection.

Respectfully submitted,

HENRY Q. MILLETT, Chairman

FRED L. NUTTER, Secretary

BENJAMIN B. PIPER

Board of Appeal



## REPORT OF INSPECTOR OF WIRES

---

Honorable Board of Selectmen  
Gentlemen:

I herewith submit my third annual report as Inspector of Wires for the Town of Reading for the term ending December 31, 1939.

During the year I have made 651 inspections and have issued 387 permits to perform wiring in the town which are classified as follows:

Repairs, additions and alterations .....	112
Oil burners .....	98
Additional tenements .....	6
New houses .....	55
Ranges .....	39
Water heaters .....	8
Commercial motors .....	17
Old houses wired .....	6
Gasoline pumps .....	6
Temperature controls .....	5
Signs .....	13
Carnivals .....	1
Commercial refrigerators .....	4
Hen houses .....	4
Beauty parlors .....	1
Commercial fans .....	2
Garage door openers .....	1
Coal stokers .....	3
Municipal Light building .....	1
Pearl St. Schoolhouse .....	1
Fire repairs .....	4
<hr/>	
Total permits issued .....	387
Re-inspections .....	264

Total inspections for year .....	651
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Following is a list of complaints registered and investigated:

Wiring condemned for fires .....	4
Violations to electrical code .....	14
Notices to State Examiners .....	4
Working without license .....	2
Working without permit .....	5

On January 3, 1939 a permit was taken out to wire the new Pearl Street School for which it was necessary to make 71 inspections of the wiring and apparatus during the construction of this building until the final approval on December 23, 1939. I wish to take this opportunity

to thank those who assisted in making this school one of the finest school electrical jobs in the vicinity, and also to thank the School Committee for their co-operation on this project.

In conclusion, I wish to thank the honorable Board of Selectmen for their co-operation throughout the year and also those who have notified me of any existing hazardous wiring so that it could be corrected. It is my hope that there will be more of this notification so that considerable poor wiring could be corrected before any great harm is done. I also wish to thank any and all others who have assisted in any way in the successful conduct of this office throughout the past year.

Respectfully submitted,

ALBERT C. MAXWELL,  
Inspector of Wires

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## REPORT OF THE SUPERINTENDENT OF FIRE ALARM

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To the Honorable Board of Selectmen  
Gentlemen:

I herewith submit my report for the year of 1939.

A 22 conductor underground cable has been installed on Woburn street from Washington street to Pratt street. Due to the widening of Haven street the cable from Linden street to High was re-run in new conduits. New street construction at Lowell, Grove and Willow streets and on Washington street caused an unforeseen expense of laying conduits which made necessary a transfer to the appropriation for this department.

Four new boxes were added to the system and many more are needed to properly cover the town. Many of the older street boxes should be replaced and more box circuits added to allow less boxes per circuit.

To follow a W. P. A. plan for laying of conduits and removal of overhead lines a larger appropriation will be necessary for underground cables in 1940.

I wish to thank the Honorable Board for their co-operation and all who have assisted this department.

Respectfully submitted,

HUGH L. EAMES,  
Superintendent of Fire Alarm.

## REPORT OF INSPECTOR OF ANIMALS

---

To the Honorable Board of Selectmen  
Reading, Massachusetts  
Gentlemen:

I herewith submit my report as Inspector of Animals for the year 1939.

On January 1, 1940 there were approximately 394 head of neat animals in the town.

The number of animals inspected were:

Cattle .....	219
Swine .....	137
Goats .....	32
Sheep .....	6

There were 36 cases of dog bites reported and of this number none were affected with rabies.

Respectfully submitted,  
BERNARD SCHIMPFKE,  
Inspector of Animals

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## REPORT OF DOG OFFICER

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January 1, 1940

To the Honorable Board of Selectmen  
Reading, Massachusetts  
Gentlemen:

I hereby submit my report as Dog Officer to December 31, 1939. I have canvassed the town to see that all dogs were licensed. Unlicensed and strayed dogs have been found and disposed of as follows:

- 289 have been destroyed.
- 42 returned to owners.
- 69 hens destroyed by dogs.
- 3 pigs destroyed by dogs.
- 4 turkeys destroyed by dogs.
- 1 rabbit destroyed by dogs.

472 complaints investigated

29 dogs killed by autos.

1 case prosecuted for hit and run—fined \$20.00.

At this time I wish to thank the Police Department and the Court for their assistance to me.

Respectfully submitted,  
CHARLES H. MELENDY,  
Dog Officer

## REPORT OF BOARD OF HEALTH

---

To the Citizens of Reading:

There were one hundred nine contagious diseases reported during the year 1939.

Chicken Pox .....	13
Dog Bite .....	39
Erysipelas .....	1
Lobar Pneumonia .....	6
Measles .....	20
Mumps .....	6
Scarlet Fever .....	6
Streptococcus .....	2
Tuberculosis .....	6
Typhoid .....	4
Whooping Cough .....	6
Number of Deaths .....	82
Male .....	49
Female .....	33
3 were between .....	90 and 100
17 were between .....	80 and 90
26 were between .....	70 and 80
17 were between .....	60 and 70
6 were between .....	50 and 60
4 were between .....	40 and 50
1 was between .....	30 and 40
2 were between .....	20 and 30
2 were between .....	10 and 20
4 were between .....	1 and 10

Respectfully submitted,

E. M. HALLIGAN, M. D.

R. B. SHEPARDSON, M. D.

C. F. ATKINSON

Board of Health

## REPORT OF BUILDING INSPECTOR

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To the Honorable Board of Selectmen  
Gentlemen:

I hereby submit my report for the year 1939.

The building construction for the past year was as follows:

1 new schoolhouse at an estimated cost of .....	\$159,000.00
1 new office building and salesroom at an estimated cost of .....	10,000.00
55 new one family dwellings at an estimated cost of .....	202,100.00

24 alterations and additions to dwellings at an estimated cost of .....	9,310.00
13 new private garages at an estimated cost of .....	3,375.00
1 new filling station.	
1 new nursery stockhouse.	
1 new diner.	
1 new storehouse.	
1 new shelter.	
4 new henhouses.	
1 new clock sign.	
1 new greenhouse.	
8 alterations and additions to various buildings.	
Estimated cost of the above building construction .....	\$ 30,345.00
Total estimated cost of all building construction .....	\$414,130.00
Number of permits granted, 113.	
Fees received for building permits, \$352.00.	

Respectfully submitted,

A. RUSSELL BARNES,  
Building Inspector

## REPORT OF INSPECTOR OF PLUMBING

To the Board of Health  
Gentlemen:

I herewith submit my report for the year ending December 31, 1939.

Number of permits granted .....	106
Number of fixtures installed .....	571
Bath tubs .....	67
Lavatories .....	127
Closets .....	128
Sinks .....	84
Wash Trays .....	78
Boilers .....	59
Showers .....	11
Urinals .....	13
Drinking Fountains .....	4

I have made 238 inspections covering plumbing.

Respectfully submitted,

DAVID TAGGART,  
Inspector of Plumbing

## MIDDLESEX COUNTY EXTENSION SERVICE IN AGRICULTURE AND HOME ECONOMICS

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The following is a report of the work of the Middlesex County Extension Service in the town of Reading during the year 1939.

In agriculture the principal interest in Reading has been among the poultrymen. Many farm visits have been made to assist in disease control, breeding problems and general management. Mr. Raymond Cleary has been secretary of the Metropolitan Reading Poultry Association. Local men have assisted in the development of the Extension program. William Johnson addressed a county meeting on his trip to the World's Poultry Congress. Mr. Eugley was asked to give a talk and demonstration at the Poultry Breeders' School held at the Massachusetts State College. Co-operation has been given the poultry association at their series of meetings held at the Municipal Building. Local dairymen were assisted in their problems of feeding and herd management, as well as pasture improvement.

During the winter of 1939, Reading women enjoyed the program on the consumer buying of foods and clothing. These meetings were held at the Municipal Building. Some of the leadership schools were held in Reading and in the fall a group took the project "The Making of Slip Covers."

In Boys' and Girls' 4-H Club Work forty-nine girls and sixteen boys have been enrolled with eleven volunteer local leaders. The work has been carried on in the town under the chairmanship of Mrs. Howard Perley, with the following leaders: Mrs. John O'Brien, Mrs. Harry U. Camp, Mrs. Everett McLeod, assisted by Mrs. Joseph Jacobs, Miss Dorothy Bailey, assisted by Mrs. Stanley Bailey, Miss Lois Connor, Donald Hills and Miss Barbara Marshall. The clubs included clothing, food, home furnishing, handicraft, canning and garden. Dorothy Bailey received state honors in her home furnishing project. She was chosen state delegate because of her outstanding work, which meant a week at the State Camp at Amherst. Mrs. John O'Brien attended the Local Leaders' Camp at the State College. Barbara Marshall was awarded a medal by the Massachusetts Horticultural Society for meritorious garden work.

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### REPORT OF THE PLANNING BOARD

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To the Town of Reading:

The Board organized with Winthrop D. Parker as Chairman and Richard F. Drew as Secretary. Regular meetings have been held at



the Municipal Building on Friday evenings throughout the year. Members of the Board have attended various local hearings.

Philip R. White was designated by the Board to serve as a member of the Special Drainage Committee as provided by the vote of the Town Meeting creating that Committee.

The Town Map has been brought up to date and revised to show the addition of new streets and buildings and to reflect the removal of those structures which have been demolished.

During the year the Board has kept itself informed on the developments concerning the proposed Circumferential Highway, known as Route 128, which, according to present State plans, will pass through the southern part of the Town. Continued study has been made of the proposed Traffic By-Pass through the towns of Stoneham, Wakefield and Reading designed to relieve the traffic congestion in the centers of these towns. The pressing need for economy in State expenditures has caused a curtailment of the highway construction program of the State to the end that progress on the construction of Route 128 has been slow and consideration of the By-Pass by the State engineers has been necessarily postponed.

Various phases of the Master Plan have been studied and the Plan has been developed in specific form. It includes the contemplated By-Pass, a plan for an underpass and street rearrangement at the Main Street railroad grade crossing, a general outline for the location of new principal streets in the outlying sections of the town to encourage the orderly development of these areas and several other features to assist in adapting the town's natural resources to the best interest of the town.

Recognizing the need for relief of the traffic congestion in and about Reading Square the Planning Board undertook to conduct a survey of the parking conditions in the area. From the data compiled, and with charts and maps prepared by Professor Frederick J. Adams, a report was submitted to the Board of Selectmen with recommendations for the betterment of conditions. The Planning Board trusts that the report will be of material assistance to the Selectmen in solving the problem.

Respectfully submitted,

WINTHROP D. PARKER, Chairman  
A. LLOYD DAVID  
RICHARD F. DREW  
SHERBURNE J. WATTS  
PHILIP R. WHITE

Planning Board

## **REPORT OF TOWN FOREST COMMITTEE**

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To the Honorable Board of Selectmen  
Gentlemen:

Ten years ago the 19th of this April the Town Forest Committee had a Community Day and many Reading people came and planted trees.

H. A. Reynolds, Secretary of Massachusetts Forest and Park Association, sent a crew of five men who planted 5,000 trees free of charge.

Today, I am proud to say, we have a real forest which would give much joy and pleasure to those people that planted trees ten years ago, if they could take a trip up to the Town Forest and look at the trees they planted at that time.

In April of 1939, 1500 more trees were planted under the direction of the Board of Selectmen.

A fire on November 16th, 1939, destroyed about 400 trees which were set out nine years ago. There would have been a much larger loss if it had not been for the quick work of the Firemen.

I would recommend that we keep a watchman from April to November for the safety of our forest.

We appreciate the co-operation of the Board of Selectmen and the various agencies furnishing men for service on the Town Forest work.

Respectfully submitted,

ORVILLE O. ORDWAY, Acting Chairman  
LELAND KINGMAN  
HENRY DONEGAN

Town Forest Committee.

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## **REPORT OF THE BOARD OF CEMETERY TRUSTEES, FOR THE YEAR OF 1939**

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To the Citizens of the Town of Reading:

The Cemetery Trustees submit their annual report as follows:

The Board organized for the year by electing Clarence C. White as Chairman and Fred L. Nutter as Secretary. William P. Pierpont was re-appointed Superintendent.

The appropriations for the year were \$8,000.00 for maintenance of Laurel Hill Cemetery and \$1,000.00 for Forest Glen Cemetery, and \$1,100.00 was transferred from the Cemetery Reserve Fund, to assist in carrying on the work of the Department.

The general routine of Cemetery work has been supervised very carefully by the Trustees with a view to keeping within these appropriations.

The Reports of Superintendent Pierpont, approved by the Trustees and appended hereto, covers so fully the work carried on during the year in both Cemeteries, that a repetition in the Trustees' Report seems unnecessary. These Reports of the Superintendent speak for the efficient management of the Superintendent and the good work and loyalty of his assistants.

Respectfully submitted,

CLARENCE C. WHITE, Chairman.

FRED L. NUTTER, Secretary.

FRANK LEE EDGERLEY

HAROLD F. DAVIS

W. F. TWOMBLY

HARRY C. BARR

Board of Cemetery Trustees.

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### LAUREL HILL CEMETERY REPORT 1939

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To the Board of Cemetery Trustees,  
Gentlemen:

I have the honor to present herewith my annual report ending December 31, 1939.

The work during the year shows a somewhat parallel feature to that of previous seasons, considering the fact that very dry season existed during the summer months and well into the fall, requiring special labor, particularly on perpetual care lots and lots that were recently seeded, to prevent the grass from being entirely destroyed. Some lots needed resodding and much more water had to be used than in other years.

This year we were fortunate in obtaining men from the Welfare Department to care for the Old Cemetery and old lots. The men also raked leaves and cleaned up the Cemetery in the fall.

We cut down fourteen poplar trees along the fence at the northern boundary that had become unsightly, and planted flowering shrubs in this section to replace the trees.

Work on the State W. P. A. Project of rebuilding the Cemetery wall at Main Street started June 5th. Most of the wall had to be taken down to the sidewalk and rebuilt to a height of approximately thirty inches, from the entrance at Charles Street extending south to the top of the hill, a distance of four hundred and ninety-three lineal feet. Fifty-four tons of granite blocks, two tons of granite chips, eighty-two bags of cement and eleven cubic yards of sand were used in this Project, which was completed July 21st. The rebuilding of this wall eliminates the danger that existed for several years caused by raising the grade of the road and sidewalk.

An iron gate has been erected at the Main Street Entrance near

Charles Street. A chain barrier was installed at the upper Main Street Entrance, as it was impossible to use a gate at this entrance because of the steep grade entering the Cemetery at this point. We also installed a chain link gate at the foot path leading from the Cemetery to Federal Street. At a meeting of the Trustees on September 8th it was voted to lock the gates each night at sunset to vehicular traffic. The Trustees thought it advisable to take this step because of late automobile parkers making a disturbance and destroying property. One hundred bronze Veteran Markers of various Wars had to be replaced this year, as they were broken by boys passing through the Cemetery.

The new World War Memorial, with its arborvitae hedge bordering the plot of land and the background of shrubs, makes a wonderful setting and is a big improvement at the Lowell Street Entrance to the Cemetery.

There were ninety interments in Laurel Hill during the year. Forty monument and marker foundations were built, several foundations rebuilt and monuments reset. Eighty sunken graves were repaired and twenty-nine winter graves seeded. Ten lots were reloamed and seeded. Eleven hundred square feet of sod was used in resodding bankings. Perpetual care lots and Town plots were fertilized. Hedges and shrubs were kept trimmed, trees pruned and dead wood removed. Seventy-five cement numbers were made for replacements in lots, catch basins were cleaned out, paths loamed and seeded and Olive Path had a coat of hot top. Annual care, avenue and path signs and urns on perpetual care lots were painted.

We laid a new floor in the shop and tool house and resingled the shed roof.

Three lots and six single graves were sold this year and four graves were used by the Welfare Department. Ten old lots were placed under perpetual care. This fund constantly increases from year to year, insuring lot owners against neglect and the need of future payments for maintenance.

This covers in detail the general operation of the year's work of this Department in Laurel Hill Cemetery.

I recommend a chain link fence at the Lowell Street Entrance, extending from the World War Memorial to the Cemetery gate. We are very much in need of a new building for storage for equipment of both Cemeteries. This was recommended by me last year and could be built by the W. P. A.

The financial statement will appear in the report of the Town Accountant.

Respectfully submitted,

WILLIAM P. PIERMONT,

Superintendent.

## FOREST GLEN CEMETERY REPORT 1939

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To the Board of Cemetery Trustees,

Town of Reading, Mass.

Gentlemen:

I herewith submit a summary of the work accomplished in Forest Glen Cemetery this past year.

While the general maintenance and upkeep of the grounds has been met by the Cemetery Department, work on the W. P. A. Project has been carried on.

There were seven interments during the year and one lot was sold. We made seven hydrants, six hundred and twenty-seven lot bounds and numbers and two hundred and fifty stepping stones. The section now developed was fertilized, shrubs were pruned and stepping stones raised and trimmed. The grass had to be mowed at intervals and watered continually during the days of the dry season.

Up to the present time nothing has been done towards laying out the Veterans graves and embellishing the Veteran Plot. I hope next year this work can be completed and be in readiness for future use.

With this year's work, further progress has been made in the development of the remaining section of this Cemetery. The W. P. A. cut down one hundred and twenty trees and cleaned up the brush. Five hundred and ninety-six lineal feet of twenty-four inch drain pipe was laid, two catch basins and three man holes were built. Seventeen thousand one hundred and seventy cubic yards of earth were excavated, one thousand square yards subgraded with steam shovel and fifteen hundred square yards of lawn graded and seeded. Fourteen evergreens, purchased by the Cemetery Department, were set out at the east side of the house in the Cemetery, and six hundred and seventy square yards of macadam avenue built. Four hundred and eighty-eight cubic yards of gravel was hauled from the Town pit and spread for avenues.

Work on this Project stopped August 8th, as the men were transferred to the grounds at the new Pearl Street School. It is expected that work on this Project will start at an early date and continue until the Cemetery is completed.

I recommend the purchase of a new power mower and additional funds to lay out the remaining section now developed into lots of various sizes and also single graves and baby graves. With only a few lots left in Laurel Hill Cemetery to sell, this work should be done this year. The wall at the west boundary should be capped, as the cement on the top is breaking up and in a short time the elements will do considerable damage.

In this report I have covered the work accomplished by the Cemetery Department and also the operations on the W. P. A. Project this year.

The financial statement will appear in the report of the Town Accountant.

Respectfully submitted,

WILLIAM P. PIERPONT,

Superintendent.

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## REPORT OF CUSTODIAN OF SOLDIERS' AND SAILORS' GRAVES

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The Honorable Board of Selectmen,  
Town of Reading, Massachusetts.

I beg to submit my report for the year ended December 31, 1939, as Custodian of Soldiers' and Sailors' graves.

The following veterans have passed on during the year:

### Spanish American War

Arthur F. Austin, Age 61 years, 6 months, 16 days

Member of Co. A 6th Mass. Vol. Inf.

Died November 16, 1939

Buried November 18, 1939

Lot No. 493, Laurel Hill Cemetery

### World War

William H. Temple, Age 48 years

Died August 25, 1939

Buried August 27, 1939

Lot No. 1074, Laurel Hill Cemetery

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Veterans' Appropriation .....	\$	600.00
Pay Roll .....	\$	409.78
Grave Markers .....		128.72
Freight .....		1.00
Repairs .....		60.50
		<hr/>
Total .....	\$	600.00

Respectfully submitted,

HARRY A. TURNER,

Custodian of Soldiers' and Sailors' Graves,



## REPORT OF THE PUBLIC LIBRARY TRUSTEES

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The library has been administered since the beginning of the year by Miss Grace J. Abbott whose long experience as assistant well qualified her to fill the position of librarian upon the resignation of Miss Bertha L. Brown.

Miss A. Rebecca Turner continued as children's librarian, a position she has filled with especial aptitude for a number of years.

Miss Marjorie Kenney who had for some time assisted in the library was appointed as assistant librarian.

This new staff organization has completed a successful first year. Within the limitations of a one-room library, which is often overcrowded, they have satisfactorily served the library demands of the town.

Some addition to equipment in the year met the problems of an outgrown catalog and crowded shelves. New shelves were installed in the children's library in the basement, wooden shelving proving both economical and attractive, and permitting employment of a local carpenter. In the upstairs library the only possible expansion of book-shelf-space is at the expense of reading space. Already the pleasant fireplace alcoves have been sacrificed to shelf needs, and the latest extension of shelving bites deep into the reading room. A new magazine rack and a few small book stands helped to keep reading material within the space bounds.

At the end of the year an improvement in lighting was planned and bids secured. It is planned particularly to install more satisfactory lighting in the eight alcoves. The necessary extension of shelves into the reading room has interfered with maximum light and requires additional fixtures in the lanes between shelves. Higher wattage in the ceiling lights is also indicated as desirable, and additional lights over the delivery desk and in the office are needed. The lighting problem results in large part from the excessive height of the ceiling in the library. It is just short of sufficient height to permit a balcony for supplemental shelves, but so high that the ceiling lights are remote from the reader.

The Trustees were prevented by failure to secure sufficient appropriation from carrying out a plan to extend library hours to keep open right through from afternoon to evening every week-day. Partly with this in mind they are again asking for a slight addition to the salary budget. They feel that the library staff should not be asked to serve increased hours on their present salaries, which by any library standard are low wages for the full-time employment which the library job has become.

Any library board would be bound to put first in the needs of the library a more adequately paid staff. Present salaries for the three

staff members are \$1500, \$1200 and \$960. The Trustees have recommended and recommend again an immediate increase to \$1700 for the librarian, and a maximum salary for the position of not less than \$1800. This would not be out of line with salaries of librarians in neighbor towns of similar library services. Chief librarian in Reading is a position of responsibility and requirements comparable to that of an elementary school principal. It should carry at least the salary of an elementary school teacher. For the other two positions which might well be equal in grade, the recommendation for the present are that they be increased to \$1080 and \$1280.

The library has made a particular effort to supplement school reading needs, both for teachers and pupils. This is not a new service but certain special materials were added during the year, notably a series of vocational guidance materials, and new sets of encyclopedia for junior readers.

The library is most used by school pupils, both afternoons and evenings, often to the limit of seating capacity, and very frequently beyond the limit of the order and quiet reasonably required in a reading room. Efforts to employ the services of a monitor to maintain order were only partially successful because of the difficulty found in keeping the position occupied. For busy periods it worked well, but half the money appropriated was turned back unused because of long gaps between the periods of employment of temporary monitors.

The Trustees are convinced that the only permanent answer to this exasperating question of disciplined use of the library by some of the young people in Reading is to have the services of an active custodian available in the library during library hours. This is usual in other libraries. The Reading library has only the part-time services—limited to heating and cleaning—of a janitor whose time is largely taken up working in the town building or elsewhere. As soon as occasion appears the library should be provided with custodial services appropriate to the library requirements. It is a simple problem of needing a man around the place to deal with disorderly boys. The mere presence of a custodian in the library is normally enough to prevent such a disturbing situation as has just worn out one librarian in Reading and bids fair to exhaust the present staff. The patience of the Trustees has long since been exhausted.

The chronic disturbers of the library readers are a group whom the library has no obligation to serve. Their purpose in coming is not to read. That the town needs some kind of activity center for boys who don't know what to do with themselves is evident. But a one-room library is not that place. Abuse of its facilities by youths whose home and school training have not prepared them to use a public library with consideration for other users goes far to destroy its chance of serv-

ing readers. The public manners of some of the juveniles who are most conspicuous in their library attendance are not edifying.

Applications for use of the reading room in morning hours by two women's study groups were welcomed by the library Trustees, glad to see this beginning of an extension of the use of the library facilities. Further extension appropriate to the uses of a library would be welcomed within the limited capacity of the library. It is unfortunate that the size of the library does not permit development of its use for lecture, forum, or exhibition purposes. It could be more used, especially the basement room, mornings, Sundays and at certain evening hours, for small meetings of either senior or junior groups.

Detail	Appro. & Transfer	Expended	Estimate
	1939	1939	1940
Salaries:			
Librarian, Assts. & Janitor ....	\$ 5,550.00	\$ 5,414.90	\$ 5,950.00
Maintenance. ....	3,375.00		
Fuel, light, water, sewer .....		355.44	357.00
Printing and supplies .....		199.74	200.00
Books, periodicals & binding ..		2,473.14	2,474.00
Maintenance and repairs .....		297.60	298.00
Miscellaneous .....		45.72	46.00
		<hr/>	<hr/>
		\$ 3,371.64	\$ 3,375.00

The Library Trustees  
 LOUIS M. LYONS, Chairman  
 C. NELSON BISHOP, Secretary  
 WARREN L. FLETCHER  
 ISABELLE HEDGES  
 A. IRMIE DIXON  
 HELEN P. TIRRELL

**REPORT OF LIBRARIAN**

To the Trustees:

The library has been functioning about as usual during 1939. There was not the increase in circulation that Miss Brown was able to report in 1938, the increase of 2,037 in the adult library being offset by a decrease in the children's room. There were several reasons which may have caused this—more outside interests, weather conditions, and possibly in some cases, the fact that the schools are buying more books for the use of the young people. The new hours for the children's room, keeping open until six and not opening at all in the evening, may have made some difference, but probably not much.

However, we do not worry about the circulation question—there

is enough to do for the two librarians and three assistants nearly every afternoon, and if we can complete a scheme we have for delivering books about every two weeks to the schools in the outlying districts, and having the children come there for them, it would mean that those children too far away to use the library could have books if they wanted them. As it is now, many of the mothers will not let their children go so far.

Miss Turner has started the certificate reading again, and devotes one afternoon a week to examining the children on the books they have read. She has also given talks to different classes on how to use the library. The librarian has also had several groups of ninth grade pupils come for an hour in the morning, to be told how the books are arranged, about reference books, etc.

In December the Junior High School had an aeronautical exhibit to which the library contributed what books we had on the subject. We also bought some of the newest books on aviation, and there has been a constant demand for them since then.

The demand for books on the "best-sellers list" is such that for some books we have anywhere from ten to thirty on the waiting list, this includes non-fiction as well as fiction.

The Delphian Society and the League of Woman Voters seem very grateful for the use of the library in the morning for their study classes.

We have tried to keep something of interest in the exhibit case. The Craftsman Society, Stamp Club, and various individuals have been very good about loaning us things. The fine new case in the children's room has had an interesting collection of dolls, besides the Christmas exhibit, and it will give much pleasure to the children we are sure.

The library is a busy place after High School lets out, and some of the pupils have shown that they can use the catalogue and look things up for themselves.

The handsome mahogany secretary now in one of the alcoves was a bequest from Miss Clara Pierce. We are also indebted to Mrs. Hardy, Mr. Bates, and others for contributions to help pay for the electric fans which were a decided help during the summer months.

GRACE J. ABBOTT,  
Librarian.

#### Appropriation

Salaries .....	\$ 5,550.00	
Maintenance .....	3,375.00	
	<hr/>	\$ 8,925.00

### Expended

Salaries: Librarian, Assistants, Janitor .....	\$ 5,414.00
Fuel, Light, Water, Sewer .....	355.44
Books, periodicals and binding .....	2,473.14
Printing and Supplies .....	199.74
Maintenance and repairs .....	297.60
Miscellaneous .....	45.72
	<hr/>
	\$ 8,786.54

Balance unexpended and returned to Revenue:

On Salaries .....	\$ 135.00
On Maintenance .....	3.36
	<hr/>
	\$ 8,825.00

### Receipts

Fines Collected .....	\$ 493.31
Three Fees for Out of Town Borrowers .....	6.00
	<hr/>
	\$ 499.31
Paid to Town Treasurer .....	\$ 499.31
Balance, Dec. 31, 1939 .....	0.00

### Statistics, 1939

Volumes in Library, Dec. 31, 1938 .....	22,224
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Volumes bought:

Adult fiction .....	438	
Adult non-fiction .....	475	
	<hr/>	913
Juvenile fiction .....	233	
Juvenile non-fiction .....	64	
	<hr/>	297
Reference books .....		6
Received by gift .....		7
		<hr/>
		1,223
		<hr/>
Total .....		23,447
Withdrawn during the year .....		759
		<hr/>
Total number of volumes, Dec. 31, 1939 .....		22,688

Circulation for home use, adult .....	76,917	
Circulation for home use, juvenile .....	20,912	
	<hr/>	
Total circulation in 1939 .....		97,829
Total circulation in 1938 .....		97,978
		<hr/>
Loss in 1939 .....		149
New borrowers registered, adult .....	353	
New borrowers registered, juvenile .....	202	
	<hr/>	
Total new borrowers .....		555
Number of days the library was open .....		301
Average daily circulation, adult .....	256	
Average daily circulation, juvenile .....	70	
	<hr/>	
Borrowed from other Libraries .....	47	
Loaned to other Libraries .....	27	
	<hr/>	

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## SOLDIERS' RELIEF

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To the Honorable Board of Selectmen  
Reading, Massachusetts  
Gentlemen:

Your Soldiers' Relief Agent respectfully submits his Annual Report.

During the year 1939, this department has assisted 32 families and 18 single cases, making a total of 50 cases and 145 persons. The cases assisted have been mostly of veterans incapacitated, the widows of veterans and their children. All able-bodied veterans who have sought relief and lived in Reading, have been absorbed by the W. P. A.

There has continued a fine spirit of co-operation between this department and the Sponsor's Agent of the W. P. A., the Welfare Board and the personnel of both of these agencies. I wish to express my sincere thanks for their assistance to me in the work of this department.

The prospects for the coming year in relation to demands for relief should, in my estimation, be about that of the past year.

Respectfully yours,

CHARLES W. H. SMITH,

Soldiers' Relief Agent



## REPORT OF THE WORLD WAR MEMORIAL COMMITTEE

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To the Citizens of the Town of Reading:

Meeting for the first time on Saturday, May 14, 1938, this newly appointed Committee faced a difficult task with an open mind, but a determined conviction that Memorial Day 1939 would dawn upon a finished Memorial erected in honor of those Citizens of Reading who served their Country in the World War.

The Committee, after much study and thought, selected the site upon which the Memorial now stands, as best suited for the location of such a memorial.

Instead of engaging the services of an engineer or architect to draft a design, the Committee invited more than twelve reliable concerns to present their conception of the type of memorial most adaptable for the chosen site. By this procedure the Committee received the benefit of the ideas and vision of a number of reputable and highly skilled designers and from this diversity of plans, drawings and sketches were better able to make the final selection.

After investigating the workmanship, reliability and guarantees of several competing companies, and with due regard to what we believed would most please the Citizens of Reading, and following a unanimous vote by the entire Committee, the contract was awarded to the H. P. Smith Company of Boston for the erection of the Memorial, designed by the Rock of Ages Corporation of Vermont and calling for the use of Rock of Ages granite.

The Memorial was completed and the site fully landscaped in anticipation of Dedication Services which were held on Sunday afternoon, May 28, 1939, with appropriate exercises.

The entire cost of the Memorial and all other expenses including the expenses of the former Committee and the expenses of the Dedication are as follows:

Memorial—H. P. Smith Co., Inc.	\$5,000.00
Dedication Expenses	580.87
Expenses of Former Committee	228.50
	<hr/>
	\$5,809.37

The total amount available was \$5,868.07, which leaves a balance of \$58.70 which was returned to Revenue. A detail of this appears in the report of the Town Accountant.

LELAND W. KINGMAN, Chairman

DOROTHY M. STEVENS, Secretary

IRVING C. AUSTIN

J. WARREN KILLAM, JR.

WILLIAM F. CAMPBELL

HELEN MICHELINI

KATHERINE M. CONNELLY

JOHN M. WIDELL

World War Memorial Committee



NINETEENTH ANNUAL REPORT

of the

BOARD OF PUBLIC WORKS

For the Year Ended

December 31, 1939

## REPORT OF THE BOARD OF PUBLIC WORKS

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To the Citizens of Reading:

The Board of Public Works submits herewith its Annual Report for the year ending December 31, 1939.

The Board reorganized at the first meeting after Town Election, March 10, 1939, electing Wendell P. Davis as Chairman, and Harold W. Putnam as Secretary. Philip Welch was reappointed as Superintendent.

Regularly scheduled meetings have been held in the Municipal Building on Friday evenings throughout the year, and several special meetings were held as occasion warranted. During the year, thirty-three public hearings were held after due notification and/or publication as required by law. These hearings included street layouts and relocations; street acceptances, pole locations, sewer and storm drain installations and other subjects.

Permits granted by the Board included thirty-two for roadway excavations and seven for over-hanging signs. New rules and regulations pertaining to the erection of over-hanging signs have been recently put into effect.

Three members of the Board were appointed to serve on the Special Committee on Drainage of low lands adjacent to Lake Quannapowitt at the Special Town Meeting held March 20, 1939, and the Board of Public Works has co-operated with the State Department of Public Works, Division of Waterways, in a preliminary drainage study, placing at the disposal of the State Department its drainage plans and engineering personnel, as well as acting as a base for operations by the State engineering party.

The four departments under the jurisdiction of the Board (Water, Highway, Sewer, and Parks) have operated efficiently during the year and for the best interests of the Town, carrying out the policies of the Board under the supervision of our Superintendent.

Drouth conditions in 1939 did not cause a water shortage in Reading as it did in many other municipalities, nor at any time during the year was such a shortage threatened. The Pumping Station and Iron Removal Plant at Hundred Acres delivered an abundant supply of clean, pure water to the distribution mains. Analyses of the water was made at regularly scheduled intervals by competent engineering consultants as well as by regular department employees.

Granolithic sidewalk installation was substantially increased, more applications having been received than could be constructed within the sidewalk appropriation. The Board is fully aware of the need of more sidewalks of a permanent nature and each year constructs as many permanent sidewalks as the yearly appropriation will permit. It is also

aware that to greatly increase the yearly amount of permanent sidewalk construction would necessitate large increases in the yearly appropriations. The continuous yearly construction will, in time, show a definite improvement in the condition of the sidewalks. The Board is, however, quite willing to follow the dictates of the Town in this matter and is prepared to attempt the construction of more permanent sidewalks yearly, if the Town so desires.

The area of Birch Meadow Playground was substantially increased through the courtesy of the Fathers and Mothers Club, who deeded the Town a 4.053 acre tract adjoining the Playground, and also a right-of-way from Forest Street to it. This right-of-way will allow the residents of this section direct access to the Playground, both vehicular and pedestrian.

Every effort has been made to improve the parks and playgrounds, as the popular trend towards outdoor recreational activities increases. More tennis courts, wading pools, baseball and softball diamonds are needed, as is evidenced by the demand for those now available. The use of many relief recipients has enabled the Board to extend the park and playground facilities and to better maintain the present facilities.

Chapter 195, Acts of 1939, accepted by vote of a Special Town Meeting held October 17, 1939, permits the apportionment of charges for sewer house connections, and eliminates the necessity of the property owner making an initial deposit for sewer connections. The Board believes that, in the event sewer house connections on sewered streets attain a higher rating than the 66% complete shown by 1939 connection tables, reductions will be possible of sewer rental charges and it is hoped that owners of unconnected properties on sewered streets will take advantage of Chapter 195.

We believe that this report and the report of the Superintendent giving in detail the accomplishments and expenditures of the Department of Public Works for 1939, contains all information concerning this Department and its activities that the interested citizens will desire. The Board is always receptive to criticism or suggestions of a constructive nature designed to improve the methods or service of the several departments under its jurisdiction, many of which in the past have proven of value.

The Board wishes to extend its thanks to the other Town Departments for their courtesy and co-operation during the past year.

Respectfully submitted,

WENDELL P. DAVIS, Chairman  
HAROLD W. PUTNAM, Secretary  
EDWARD A. BROPHY  
ALEXANDER LINDSAY  
ALEXANDER WILLIAMSON

Board of Public Works

## SUPERINTENDENTS' REPORT

To the Board of Public Works:

Gentlemen:

As required by Section 4, Chapter 118 of an Act authorizing the Town of Reading to establish a Board of Public Works, I respectfully submit for your consideration the nineteenth annual report of the Department of Public Works (Water, Highway, Sewer and Park) including a financial report of each department, and a chronicle of the principal work performed with recommendations for the coming year.

### WATER DEPARTMENT

#### Maintenance Account:

Appropriation ..... \$ 53,027.81

#### Expenditures

1. Office Maintenance:

Pay Roll .....	\$ 2,171.92
Supplies, Printing, etc. ....	774.60
Insurance .....	1,095.97

\$ 4,042.49

2. Pumping Station Costs:

Station No. 1 Mill St.

Pay Roll .....	985.01
Light, Phone and Fuel .....	461.36
Misc. Supplies and Repairs ....	605.48

2,051.85

Station No. 2 Strout Ave.

Pay Roll .....	2,301.66
Light and Power .....	5,397.77
Heater Oil .....	175.53
Misc. Supplies and Repairs ....	155.59

8,030.55

Filtration Plant:

Pay Roll .....	516.65
Misc. Supplies and Repairs ....	43.10
Engineer Weston & Sampson .	408.00

967.75

3. Maintenance of Meters:

Pay Roll .....	1,860.49
Supplies and Misc. ....	319.26

2,179.75



4. Maintenance of Service Pipes:		
Pay Roll .....	1,417.92	
Supplies and Misc. ....	674.26	
	<hr/>	2,092.18
5. Maintenance of Main Pipes:		
Pay Roll .....	263.98	
Supplies, Tools and Misc. ....	182.94	
	<hr/>	446.92
6. Maturing Bonds .....	11,000.00	
	<hr/>	11,000.00
7. Bond Interest .....	1,902.50	
	<hr/>	1,902.50
8. Truck and Equip. Maint.:		
Repairs and Misc. Supplies ....	122.92	
Gas and Oil .....	270.97	
Tires and Tubes .....	185.97	
	<hr/>	579.86
9. Garage Maintenance:		
Pay Roll .....	229.61	
Supplies and Misc. ....	351.65	
	<hr/>	581.26
10. Main Pipe Construction:		
Pay Roll .....	2,042.86	
Pipe .....	2,657.40	
Supplies and Fittings .....	376.38	
Miscellaneous .....	126.38	
	<hr/>	5,203.02
11. Service Pipe Construction:		
Pay Roll .....	1,083.99	
Pipe .....	633.40	
Supplies and Fittings .....	1,150.95	
Miscellaneous .....	112.84	
	<hr/>	2,981.18
12. Meter Construction:		
New Meters .....	624.75	
	<hr/>	624.75

13. Hydrant Maintenance:			
Pay Roll .....	608.62		
New Hydrants .....	198.11		
Repairs and Misc. ....	344.50		
			<hr/>
			1,151.23
14. Standpipe Maintenance:			
Supplies for Repairs .....	92.00		
			<hr/>
			92.00
15. New Wells—Const. and Maint.:			
Pay Roll .....	2,058.22		
Pipes and Fittings .....	1,634.50		
Truck Hire .....	116.25		
			<hr/>
			3,808.97
16. Miscellaneous—Unclassified:			
Pay Roll .....	590.60		
Repairs Gravel Plant .....	100.00		
			<hr/>
			690.60
17. 1938 Deficit .....	\$ 4,022.91		
Grand Total Expended....		\$ 52,449.77	
Balance Dec. 31, 1939 .....		\$ 578.04	
<b>1939 Receipts:</b>			
Meter Rates .....	\$ 48,332.57		
Service Pipe Construction .....	753.59		
Service Pipe Maintenance .....	475.37		
Fines .....	63.40		
Rent .....	180.00		
Hydrant Rental .....	5,600.00		
Hydrant Repairs .....	57.92		
Drinking Fountains .....	100.00		
Sprinklers .....	42.00		
Miscellaneous .....	27.63		
Liens .....	791.66		
			<hr/>
Total .....		\$ 56,424.14	
Total Cost of Water System from beginning to January 1, 1939 .....		782,904.52	
Main Extension, Maint. Account .....	5,203.02		
Meters .....	624.75		
			<hr/>
			5,827.77
Total Cost December 31, 1939 .....		\$788,732.29	

### Water Bonds and Interest

There were \$11,000.00 in bonds payable in 1939.

The interest on serial bonds for the year 1939 amounted to \$1,902.50.

There are \$11,000.00 in bonds and \$1,467.50 interest due in 1940 as follows:

Payable	Interest	Bonds
March 15, 1940 .....	\$ 60.00	
April 15, 1940 .....	465.00	\$ 2,000.00
June 1, 1940 .....	307.50	3,000.00
Sept. 15, 1940 .....	60.00	1,000.00
Oct. 15, 1940 .....	330.00	5,000.00
Dec. 1, 1940 .....	245.00	
	<hr/>	<hr/>
	\$ 1,467.50	\$ 11,000.00

### Rainfall at Pumping Station

Month	Normal Rain Fall—Inches	Rain-fall in 1939—Inches	Excess or Deficiency 1939
January	3.44	2.08	—1.36
February	3.26	3.48	+ .22
March	3.73	4.00	+ .27
April	3.99	4.47	+ .48
May	2.91	2.02	— .89
June	3.64	2.77	— .87
July	3.33	.73	—2.60
August	3.38	3.13	— .25
September	3.80	2.45	—1.35
October	2.99	4.66	+1.67
November	3.10	.77	—2.33
December	3.46	2.92	— .54
	<hr/>	<hr/>	<hr/>
Totals	41.03	33.48	—7.55

The average rainfall for Massachusetts as deduced by the State Department of Public Health from long continued observations in various parts of the Commonwealth is 44.54 inches.

As may be seen by a table in this report showing the amount of rainfall for the years 1900-1939 inclusive, the average rainfall at the Reading Pumping Station No. 1 on Mill Street is 41.03 inches.

The rainfall in 1939 in Reading was a deficiency of 11.06 inches compared with the State observations and a deficiency of 7.55 inches compared with the Reading Pumping Station observations.

There was a deficiency of rainfall in the months of January, May, June, July, August, September, November and December of 10.19 inches, and an excess in the months of February, March, April and October of 2.64 inches, comparing each month with an average rainfall at Reading Pumping Station between the years of 1900-1939 inclusive.

The greatest amount of rainfall in 1939 for any one month was in October, with a fall of 4.66 inches; in any one day, Tuesday, October 31, 1939, with a fall of 2.44 inches. The year's total rainfall of 33.48 inches was 18.17 inches less than the total rainfall of 1938, which was 51.65 inches. The elevation of the Hundred Acre Meadow Pumping Station is approximately 80 feet above sea level.

Table Showing Amount of Rain and Melted Snow

Day Month	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.01	.01	.....	.60	.....	.....	.....	.....	.....	.26	.....	.05
2	.....	.12	.....	.19	.....	.....	.....	.....	.56	.02	.....	.86
3	.26	.29	.....	.....	.05	.....	.....	.....	.....	.31	.....	.....
4	.....	.....	.....	.....	.....	.41	.....	.90	.....	.....	.....	.....
5	.35	.....	.....	.....	.....	.....	.....	.....	.48	.....	.70	.....
6	.31	.13	.....	.79	.....	.....	.07	.....	.....	.....	.....	.....
7	.....	.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	T	.....	.02	.....	.04	.....	.....	.20	.03	T	.....
9	.....	.....	.44	.02	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.50	.....	.25	.....	.....	.....	.....	.26	.....	.....	.40
11	.....	.....	.30	.69	.....	.....	.....	.....	.....	.....	.....	.12
12	.....	.....	1.10	.05	.....	.....	.27	.....	.....	.....	.....	.....
13	.....	.....	.05	.....	.....	.78	.14	.31	.....	.....	.....	.19
14	T	.....	.02	.17	.....	.....	.03	.....	.....	.....	.....	.....
15	.....	.71	.90	.....	.....	.13	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.73	.....	.22	.....	.....	.....	.....
17	.....	.....	.....	.71	.....	T	.....	.....	T	.....	.....	.....
18	T	.....	.....	.23	.....	.....	.....	T	.....	.....	.....	.....
19	T	.19	T	.66	.....	.....	.....	.89	.....	.....	.....	.06
20	.....	.....	.01	.....	.....	.....	.....	.38	.01	.....	.....	.91
21	.02	.14	.....	.....	.02	.....	.....	.....	.....	.05	.05	T
22	.....	.....	.....	.....	.71	.10	.....	.....	.....	.....	.02	.....
23	T	.....	.....	.05	.53	.09	T	.....	.....	.....	.....	.....
24	.13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.05	.10	.04	.....	.09	T	.28	T	.21	.....	.....
26	.....	.63	.03	.....	.....	.....	.....	.....	.30	.15	.....	.....
27	.....	.....	.33	.....	.....	.....	.....	.....	.42	.13	.....	.....
28	.....	.61	.15	.....	.71	.....	.....	.....	.....	.05	.....	.....
29	.01	.....	T	.....	.....	.11	.04	.15	T	.....	.....	.33
30	.99	.....	.57	.....	.....	.29	.....	.....	.22	1.01	.....	.....
31	.....	.....	.....	.....	.....	.....	.18	T	.....	2.44	.....	.....
Monthly Totals..	2.08	3.48	4.00	4.47	2.02	2.77	.73	3.13	2.45	4.66	.77	2.92
Totals to Date.	2.08	5.56	9.56	14.03	16.05	18.82	19.55	22.68	25.13	29.79	30.56	33.48

**AMOUNT OF RAINFALL FOR YEARS 1900 TO 1939 INCLUSIVE**

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1900.....	5.32	8.69	5.03	2.15	4.60	3.13	1.90	3.17	4.15	3.31	5.05	2.44	48.94
1901.....	1.33	1.08	5.88	9.58	7.21	1.74	4.65	2.76	3.59	2.76	8.10	2.44	51.65
1902.....	1.80	6.11	4.69	6.22	1.69	1.98	3.02	3.75	4.01	4.91	0.99	2.59	44.77
1903.....	3.84	3.16	6.38	4.95	0.46	8.91	3.40	3.42	2.29	3.69	1.33	2.59	44.44
1904.....	4.42	2.21	2.21	9.90	3.58	2.56	1.88	4.26	5.16	2.02	1.80	2.25	42.23
1905.....	5.44	1.47	2.92	2.59	1.39	6.11	1.19	3.30	7.87	1.20	2.22	3.72	39.42
1906.....	2.60	2.53	6.48	2.84	5.14	2.63	5.88	4.18	1.36	2.38	3.31	3.08	42.41
1907.....	3.97	2.10	2.40	3.21	2.89	3.80	3.58	1.33	7.90	3.36	6.83	3.60	44.97
1908.....	3.07	4.28	2.72	1.71	4.00	1.58	3.09	4.07	0.86	3.56	1.10	2.66	32.70
1909.....	4.17	5.33	3.57	3.95	1.97	2.14	3.59	2.75	3.74	1.48	4.30	3.60	40.10
1910.....	4.54	3.14	1.58	2.32	1.19	4.36	1.98	2.61	2.94	2.91	4.14	3.57	36.45
1911.....	2.95	2.94	3.12	1.89	0.73	3.43	4.79	3.80	2.02	1.45	3.10	4.80	41.04
1912.....	2.68	2.42	5.04	4.05	5.73	0.29	6.41	2.02	3.66	1.45	2.13	3.24	39.52
1913.....	2.48	2.64	4.31	3.76	3.45	0.93	1.68	3.48	0.23	7.56	2.92	3.69	35.07
1914.....	3.34	3.05	4.09	6.32	2.76	1.41	2.31	2.78	0.66	1.51	2.93	5.47	45.38
1915.....	5.52	3.54	0.00	2.72	1.68	4.60	5.76	6.66	0.70	2.80	1.91	2.01	39.05
1916.....	1.22	5.37	3.37	5.14	4.59	5.86	3.13	2.70	3.11	1.01	1.39	2.65	37.33
1917.....	2.92	2.41	4.18	2.90	4.00	4.78	1.19	3.70	1.46	5.75	1.91	2.65	36.02
1918.....	3.08	3.02	2.02	4.10	0.85	3.04	2.99	2.81	8.37	1.02	2.24	2.48	36.02
1919.....	3.24	3.61	4.01	2.46	5.44	0.88	3.22	3.83	5.65	2.03	6.20	1.53	42.70
1920.....	2.09	3.43	4.21	5.75	3.27	5.24	1.94	2.02	4.27	1.16	4.67	4.82	46.56
1921.....	2.72	2.72	2.43	5.48	1.86	4.02	9.79	1.96	1.74	1.57	6.50	2.28	43.15
1922.....	1.77	2.72	4.27	1.37	5.08	11.27	4.88	3.29	3.68	2.73	1.06	3.12	45.24
1923.....	6.95	1.67	2.60	5.17	1.56	2.79	1.98	3.17	0.82	3.63	4.13	4.83	39.30
1924.....	2.55	1.71	4.25	4.25	3.10	2.53	2.70	4.80	7.95	0.05	2.56	1.52	37.49
1925.....	3.77	2.55	7.66	2.95	2.05	5.62	3.13	2.37	2.16	4.66	3.94	5.53	46.49
1926.....	4.98	2.14	2.83	2.24	2.19	1.80	3.08	3.20	1.32	3.95	3.89	3.08	33.62
1927.....	2.53	4.41	1.30	1.43	2.19	2.97	3.04	5.28	2.68	4.10	4.18	4.77	36.74
1928.....	3.32	3.18	3.76	5.13	2.77	6.63	3.65	3.84	4.18	2.96	2.28	2.57	41.00
1929.....	2.17	3.37	1.45	5.13	2.77	2.21	1.19	3.84	2.41	2.49	2.87	3.63	39.03
1930.....	3.14	3.76	3.49	6.81	3.50	1.21	4.07	2.77	0.79	4.45	3.68	2.90	33.25
1931.....	2.48	2.05	3.29	1.90	3.53	6.47	3.76	4.09	1.97	2.43	1.26	1.29	43.81
1932.....	3.27	2.72	4.94	3.07	1.17	1.81	2.04	5.09	9.93	3.50	0.96	3.47	47.21
1933.....	3.92	4.83	2.01	6.51	2.70	1.27	1.47	4.41	6.47	3.89	2.63	2.70	39.23
1934.....	2.27	3.46	7.22	3.09	2.52	4.00	1.25	1.73	4.03	0.58	4.36	0.90	37.31
1935.....	3.17	3.29	5.13	4.72	1.44	6.21	2.67	1.98	4.15	1.59	1.37	8.24	46.30
1936.....	6.13	3.23	3.01	3.01	2.05	2.73	1.75	4.49	4.05	4.48	5.18	4.89	43.17
1937.....	6.60	3.09	7.23	3.61	3.51	3.45	0.97	3.91	3.04	2.93	1.86	2.85	51.65
1938.....	4.50	1.80	3.21	3.12	3.13	7.18	11.42	2.19	8.33	4.48	0.77	2.92	33.48
1939.....	4.08	2.07	4.00	4.47	2.02	2.77	0.73	3.13	2.45	4.66	0.77	2.92	33.48
1939.....	2.08	3.48	4.00	4.47	2.02	2.77	0.73	3.13	2.45	4.66	0.77	2.92	33.48
Average.....	3.44	3.26	3.73	3.99	2.91	3.64	3.33	3.38	3.80	2.99	3.10	3.46	41.03

## SUMMARY OF STATISTICS

For the Year Ending December 31, 1939

### Reading Water Department

Reading, Middlesex County, Massachusetts

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#### General Statistics

Population by Census of 1935: 10,703.

Date of Construction: 1890, Mill Street, 1931 Grove Street.

By Whom Owned: Town of Reading.

Sources of Supply: Filter Gallery and Artesian Wells.

Mode of Supply: (Whether gravity or pumping): Pumping.

#### Pumping Statistics

Builders of Pumping Machinery: Sullivan Machine Co., George F. Blake Mfg. Co., Platt Iron Works, DeLaval Steam Turbine Co.

#### Electric Pumps at Grove Street Station

Description of Pumps:

(A) Pumping Unit No. 1—2-stage  $\frac{5}{4}$  DeLaval, 75 H. P. 1750 R. P.  
M. 3 phase 60 cycle, 440 volts, 650 G. P. M.

(B) Pumping Unit No. 2—2-stage  $\frac{8}{6}$  DeLaval, 125 H. P. 1750 R.  
P. M. 3 phase 60 cycle, 440 volts, 1000 G. P. M.

K. W. H. used for Year: 308,875.

Power cost for year: \$5,397.77.

Total Pumpage by Venturi Meter: 245,937,000 Gallons.

Cost of Pumping per Million Gallons, Power only: \$21.95.

Average number Gallons Pumped per K. W. H.: 796.23.

Cost of pumping figured on Total Pumping Station No. 2 expenses, per  
Million Gallons pumped: \$32.65.

Cost of Filtration, per Million Gallons, figured on Filtration Plant Ex-  
penses: \$3.93.

Total Cost of supplying water, per Million Gallons, figured on Total  
Maintenance, plus Interest on Bonds: \$106.93.

Average Static Head against which pumps work: 227.

Average Dynamic Head against which pumps work: 258.

#### Statistics Relating to Distribution Mains

Kind of Pipe: Cast Iron, Galvanized Iron.

Sizes:  $1\frac{1}{4}$  inches to 12 inches.

Extended: 2,163.4 feet of 6" Cast Iron Main, 598.6 feet of  $1\frac{1}{4}$ " Gal-  
vanized Iron Main.

Total in use at Present: 49.51 Miles (6" to 12").

Cost of Maintenance per mile: \$9.02.

Number of Hydrants added during year: 2.

Number of Hydrants in use (Public and Private): 309.

Number of Stop Gates added during year: 6.



Number of Stop Gates now in use: 810.  
 Number of Stop Gates smaller than 4": 150.  
 Number of Blow Offs added during year: None.  
 Number of Blow Offs now in use: 28.  
 Range of Pressure on Mains: 45-90 lbs.

#### Statistics Relating to Suction Mains

Kind of Pipe: Cast Iron.  
 Sizes of Pipe: 16", 12", 10", 8".  
 Total number of feet in use: 116 feet of 16", 1270 feet of 12", 940 feet of 10", 2,713 feet of 8"—Total 5,039 Feet.  
 Gates in use on Suction Mains: 1-16", 4-12", 3-8", 92-2½" Gates.  
 Wells in use: Line A—14 Wells; Line B—17 Wells; Line C—11 Wells; Line D—12 Wells; Line E—9 Wells; Line F—12 Wells; Line G—7 Wells; Line H—8 Wells. Total 90 Wells.

#### Statistics Relating to Services

Services: Kinds of Pipe: Cast Iron, Galvanized Iron, Lead Lined, Cement Lined, and Copper Tubing.  
 Sizes ¾" to 6".  
 Extended: 3870.50 Feet.  
 Total in use: 40.97 Miles.  
 Number of active service taps added during year: 64.  
 Number of service taps in use: 2,663.  
 Average length of services—1939: 60.48 Feet.  
 Average cost of service to owner—1939: \$13.13.  
 Number of water meters tested: 346.  
 Number of water meters repaired: 200.  
 Number of water meters added: 66.  
 Number of water meters junked: 7.  
 Number of water meters now in use: 3002.

#### COMPARATIVE TOTAL PUMPAGE DURING THE PAST TEN YEARS 1930 to 1939 inclusive

Year	Annual Pumpage (Gallons)	Increase or Decrease (Gallons)	Average Daily Pumpage (Gallons)	Increase or Decrease (Gallons)	Cost per Million Gallons Pumped Figured on Total Maint. and Int. on Bonds	Esti- mated Popu- lation
1930	147,186,973	7,203,830 Inc.	403,257	19,742 Inc.	494.92	9,747
1931	144,923,924	2,263,049 Dec.	397,051	6,206 Dec.	211.95	9,747
1932	161,609,500	16,685,576 Inc.	441,423	44,372 Inc.	120.73	9,747
1933	171,847,300	10,237,800 Inc.	470,389	28,966 Inc.	113.22	9,747
1934	221,260,400	49,413,100 Inc.	606,192	135,803 Inc.	115.05	9,767
1935	248,075,400	26,815,000 Inc.	679,658	73,466 Inc.	90.61	10,703
1936	249,110,100	1,034,700 Inc.	680,629	971 Inc.	100.70	10,703
1937	212,484,400	36,625,700 Dec.	582,149	98,480 Dec.	129.81	10,703
1938	213,853,400	1,369,000 Inc.	585,900	3,751 Inc.	122.24	10,703
1939	245,937,000	32,083,600 Inc.	673,800	87,900 Inc.	106.93	10,703

# IRON REMOVAL PLANT

## Chemical and Microscopic Character of Raw Water—1939 (Unfiltered—Direct from Tubular Wells) (Parts per Million)

Month	No. of Test Days	Iron	Hardness	Carbon Dioxide		Dissolved Oxygen		Manganese	P. H. Value (Hydrogen Ion Conc.)
				Ave.	Max.	P. P. M.	% Sat.		
January.....	1	1.50	....	43.0	....	....	....	0.14	6.0
February.....	1	2.00	....	53.0	....	....	....	0.16	6.0
March.....	1	1.80	....	52.5	....	2.7	23.6	0.18	6.0
April.....	1	1.60	....	49.0	....	....	....	0.14	6.0
May.....	1	1.60	....	40.0	....	2.4	20.5	0.11	6.0
June.....	1	1.30	....	36.0	....	....	....	0.12	6.1
July.....	1	1.20	....	37.0	....	....	....	0.14	6.0
August.....	1	1.20	....	38.0	....	2.5	20.6	0.10	6.0
September.....	1	0.80	....	32.0	....	....	....	0.09	6.1
October.....	1	1.10	....	37.0	....	....	....	0.11	6.0
November.....	1	1.20	....	41.5	....	0.7	6.1	0.17	6.0
December.....	1	1.20	....	37.0	....	....	....	0.16	6.0
Total.....	12	....	....	....	....	....	....	....	....
Average.....	..	1.38	....	41.3	....	2.1	17.7	0.14	6.0

## Chemical and Microscopic Character of Water Delivered to Mains—1939 (Filtered Water as Delivered from Iron Removal Plant) (Parts per Million)

Month	No. of Test Days	Iron	Hardness	Carbon Dioxide		Dissolved Oxygen		Manganese	P. H. Value (Hydrogen Ion Conc.)
				Ave.	Max.	P. P. M.	% Sat.		
January.....	1	0.30	....	4.0	....	....	....	0.000	7.4
February.....	1	0.20	....	4.0	....	....	....	0.040	7.3
March.....	1	0.30	....	4.0	....	14.0	119.3	0.020	7.3
April.....	1	0.30	....	3.0	....	....	....	0.026	7.4
May.....	1	0.26	....	3.0	....	11.0	98.3	0.009	7.3
June.....	1	0.24	....	3.0	....	....	....	0.010	7.4
July.....	1	0.10	....	3.0	....	....	....	0.006	7.4
August.....	1	0.09	....	2.8	....	11.5	96.0	0.007	7.3
September.....	1	0.05	....	3.0	....	....	....	0.010	7.1
October.....	1	0.09	....	3.0	....	....	....	0.009	7.4
November.....	1	0.20	....	3.0	....	13.0	112.0	0.004	7.3
December.....	1	0.10	42.0	3.0	....	....	....	0.006	7.4
Total.....	12	....	....	....	....	....	....	....	....
Average.....	..	0.19	42.0	3.2	....	4.1	106.4	0.012	7.3

**YEARLY RECORD OF HUNDRED ACRE MEADOW PUMPING STATION**  
January 1, 1939 to December 31, 1939

Month	No. Days	No. Hrs.	No. Min.	Gals. Pumped Venturi Meter	Total Head	Power K.W.H.	Gallons Per K.W.H.	Rain- fall	Fuel Oil	Daily Average Gal. Pumped
January.....	31	357	00	18,669,200	227	23,000	811.70	2.08	340	602,232
February.....	28	318	00	16,690,000	227	20,500	814.14	3.48	670	596,071
March.....	31	363	45	18,801,800	227	23,400	803.49	4.00	535	606,509
April.....	30	353	45	18,005,700	227	22,700	793.20	4.47	205	600,190
May.....	31	403	00	21,174,300	227	25,050	845.28	2.02	175	683,042
June.....	30	410	15	21,294,000	227	26,125	808.88	2.77	...	709,666
July.....	31	536	30	27,504,000	227	34,200	804.21	1.73	...	887,226
August.....	31	471	20	24,270,300	227	31,700	765.62	3.13	...	782,913
September.....	30	398	45	20,644,200	227	26,600	776.09	2.45	125	688,140
October.....	31	391	30	20,316,000	227	26,700	760.90	4.66	130	655,355
November.....	30	376	30	19,269,400	227	24,500	786.50	.77	305	642,313
December.....	31	375	45	19,298,100	227	24,400	790.90	2.92	480	622,519
Totals.....	365	4,756	05	245,937,000	227	308,875	796.23	33.48	2965	673,800

## MAIN WATER PIPE EXTENSIONS

Street	Section	Size and Length of Extension		
		6"	1 ¼"	Total
High.....	Near 257 High St. Southerly.....	.....	116.3	116.3
Off Spruce Rd.....	Spruce Rd. Southerly.....	159.5	.....	159.5
Wood End Lane.....	12 Wood End Lane Westerly.....	.....	33.5	33.5
Spruce Rd.....	Grove St. Easterly.....	383.5	.....	383.5
Haverhill.....	Franklin St. Northerly.....	652.0	.....	652.0
Salem.....	301 Salem St. to Line Rd.....	176.0	.....	176.0
Cold Spring Rd.....	Longfellow Rd. Easterly.....	172.4	.....	172.4
Beacon.....	26 Beacon St. Northerly.....	.....	72.0	72.0
Prospect.....	144 Prospect St. Northerly.....	.....	62.0	62.0
Harrison.....	43 Harrison St. Northerly.....	380.0	.....	380.0
Track Rd.....	55 Track Rd. Southerly.....	.....	313.0	313.0
Hartshorn.....	71 Hartshorn St. Westerly.....	160.0	.....	160.0
Glen Rd.....	28 Glen Rd. Easterly.....	80.0	.....	80.0
Totals.....	.....	2,163.4	596.8	2,760.2

## NEW HYDRANTS SET

Make	Location	Gated
Corey.....	Spruce Rd., North Side, between Larch Lane and Birch Road.....	Yes
Corey.....	Haverhill St., West Side, North of No. 656.....	Yes

## HYDRANTS MOVED, RAISED OR REPLACED

Make	Location	Operation	Make Set	Gated
Chapman...	Main St., West Side, opp. Charles St.	Raised Hydrant 1 foot...	Chapman	Yes
Chapman....	Pearl St., East Side, opp. Forest Glen	Raised Hydrant 1½ foot.	Chapman	Yes
Corey.....	Highland St., West Side, cor. Locust St.	Raised Hydrant 1 foot...	Corey....	Yes
Chapman....	John St., East Side, opp. Foundry	Raised Hydrant 1 foot...	Chapman.	Yes
Chapman....	Main St., West Side, front of No. 1012	Replaced Hydrant. Set Hydrant back 6 feet	Corey....	Yes
Chapman....	Franklin St., West Side near No. 483	Replaced Hydrant, gated.	Corey....	Yes
Chapman....	Green St., North Side near No. 164	Replaced Hydrant, gated.	Corey....	Yes
Chapman....	Hillside Rd., North Side near Waverly Rd.	Moved Hydrant 47 feet Westerly, gated	Chapman	Yes

## KIND AND SIZES OF METERS IN USE JANUARY 1, 1940

Make	5/8"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"	8"	Totals
Nash.....	1401	13	12	1	3	3	..	..	..	1433
Hersey.....	534	11	24	6	9	7	1	1	1	594
Empire.....	257	1	2	..	1	..	2	..	..	263
Gamon.....	182	..	2	..	..	..	..	..	..	184
Pittsburg.....	144	13	..	2	..	..	..	..	..	159
Trident.....	127	..	..	..	..	..	..	..	..	127
Crown.....	69	2	2	..	3	9	..	..	..	85
Lambert.....	49	..	2	..	..	..	..	..	..	51
Union.....	46	..	1	..	1	..	..	..	..	48
Worthington.....	35	..	..	..	..	1	..	..	..	36
Keystone.....	1	..	..	8	..	..	..	..	..	9
Federal.....	8	..	..	..	..	..	..	..	..	8
Thompson.....	2	..	1	..	..	..	..	..	..	3
Columbia.....	1	..	..	..	..	..	..	..	..	1
Gem.....	..	..	..	..	..	1	..	..	..	1
Totals.....	2856	40	46	17	17	21	3	1	1	3002

## MAIN PIPE CONSTRUCTION

Extensions of water mains were made in thirteen separate locations in 1939. Two of these extensions were replacements of existing 1 1/4" pipe mains, the remaining eleven being 4% guarantee installations to service newly erected houses. The replacement mains were necessitated by the erection of new buildings beyond the limits of the existing mains, and 6" mains were laid to insure an adequate water supply to the sections affected, and in one instance to set a fire hydrant. Fourteen new houses were supplied with water from the eleven 4% guarantee main extensions, the longest single main extension being on Haverhill Street, where 652.0 feet of 6" main was laid. The average total cost of main water pipe extensions in 1939 was \$1,885 per foot, all size mains included.

No further work was accomplished on the 12" auxiliary supply main to Hundred Acre Pumping Station in 1939, due to lack of funds and pressure of other work. Provision has been made, however, for its completion in 1940. Approximately 1500 lineal feet of pipe must be laid to complete the connection to the pumping station, which, when completed, will furnish the pumping station with two direct supply mains to Lowell Street at High Street, and which may be operated singly or together.

There were six breaks in main water pipes during the year. Four of these breaks were caused by pipe joint failures, and in each case the joint was recalked. The fifth break was caused by a dynamite blast in the Pearl Street W. P. A. sewer trench, which completely cut a 6" water main. This break was repaired by the installation of a split-

joint repair sleeve. The sixth break occurred when a 6" pipe around which a manhole had been built split open. In this instance, a section of pipe was removed, and by means of offsets, the main was by-passed around the manhole.

### **Service Pipe Construction and Maintenance**

A marked increase in home building required the installation of 64 new services, which is above the normal yearly average for the past several years. New services totaled 3870.5 feet in length and had an average length of 60.48 feet per service. Three services were relaid from main to cellar on owners' applications, and two services relaid from main to sidewalk stop. There are now 40.97 miles of service pipe in use in the water distribution system, in sizes ranging from  $\frac{3}{4}$ " to 6", and a total of 2663 service taps are in use.

Preliminary to the permanent type construction of Washington Street between Main Street and High Street, four existing water services were relaid from main to sidewalk, to minimize the possibility of leaking pipes and resulting excavation of the new street surface in the near future.

Eleven services developed leaks, in street and/or sidewalks, and were repaired, and on five of these it was necessary to install new corporation leads.

Maintenance and/or repair work was necessary on 106 services during the year. Of these, it was necessary to excavate 39 service pipes at or near cellar walls and replace sections of defective pipes. Several repair sleeves were installed where conditions warranted their use. A total of 72 new cellar shut-offs were installed at the owners' request and expense.

Many sidewalk stops and service boxes were replaced and repaired, and service boxes raised to grade where necessary on new construction of streets and sidewalks.

### **Meter Maintenance**

It was necessary, because of stoppages, shut offs, etc. to remove 412 water meters in 1939. Of these, 346 meters were tested, 200 cleaned and repaired, 9 meters were replaced, 7 of which were junked, and 66 new meters set on new water services. There are 95 meters in the meter room from services temporarily shut off from unoccupied houses. During the cold seasons, 26 meters were damaged by freezing.

Four new brick meter boxes were constructed to replace old wooden boxes, one brick meter box was raised to grade, and two wooden structures abandoned by moving the meters inside the buildings serviced. The annual inspection of meter boxes was made, and meters protected from freezing by insulation with felt sheathing.



## **Fire Hydrants**

Two new fire hydrants were added, both on 6" water main extensions. Because of replacement of the existing 1¼" main on Spruce Road with 6" main, it was possible to set a hydrant on Spruce Road, North Side, between Birch Road and Larch Lane, furnishing fire protection for four properties. The second hydrant was set on Haverhill Street, West Side, North of No. 656 Haverhill St. at the end of a 652.0 foot 6" main extension to a new dwelling house.

Five hydrants were broken by automobiles during the year; two of the owners of automobiles involved reported the accidents and were billed for same; the other three involved were of the "hit-and-run" variety and were not apprehended.

Three of the breaks were of minor importance with no water lost. The hydrant on Woburn Street, North Side, corner Chute Street, was broken after a collision of two automobiles threw one of the cars into a large maple tree, off which it caromed onto the hydrant, which broke off underground. The car remained on the broken hydrant, blocking access to the hydrant gate. In order to shut off the water, it was necessary to close five main gates in the vicinity of the break. The accident occurred at 6.55 A. M. and the water shut off at 7.15 A. M. It is estimated that 25,000 gallons of water were lost.

The hydrant on Main Street, West Side, corner Locust Street, was broken by an automobile whose driver allegedly fell asleep, at an early morning hour. In this break, the hydrant barrel was entirely removed, and, being in a high pressure section, a geyser of water sixty feet in height resulted, making it difficult to shut the hydrant gate.

Six hydrants were moved and/or raised to safer locations or to meet grade changes, the hydrant on Hillside Road corner Waverly Road being moved 47 feet Westerly because of a corner relocation. Three old hydrants were removed, replaced with new hydrants, and gated.

The annual Fall inspection of hydrants was made, and several hydrants found with minor defects such as plugged drips, bent rods, etc., repaired. All hydrants, on inspection, were found in working condition.

Early in the Spring, all hydrants were given a coat of paint to add to their visibility and appearance, following the accepted color scheme of red body, aluminum bonnet and hose caps.

## **Well System**

Although lack of rain-fall during the year caused an extended drouth which seriously affected the water supply of many communities, no shortage of water occurred in Reading. Daily measurements were taken of the height of water in the test wells, and the well water supply

was found to build up during the periods of non-pumpage to nearly what was drawn off during pumpage periods. As no water shortage was threatened, consumers were allowed to use all the water they desired for lawn and garden usages.

The near-record rainfall of 1938, which resulted in the flooding of the Ipswich River Meadows, deposited much driftwood and debris on the well-field. Drouth conditions in 1939 permitted a thorough cleaning up of the entire well field—debris removed, brush cut, well lines levelled off; also, many necessary repairs were accomplished on the wells and suction mains.

Suction Line G, comprising seven wells, developed a tendency to settle, due to peat and mucky sub-soil, causing lead well connections to be ruptured and suction main joints endangered. To remedy this condition, 56 wooden pilings were driven in pairs on either side of the suction main to an average depth of 23 feet, cross members attached, and the suction main supported thereby. The suction main and well connections were uncovered, joints inspected, tested and re-calked where necessary, lead well connections removed, repaired and replaced. Gravel was placed around suction main, wells and connections, and gates. After completion of this work, Line G was flushed and washed, sterilized, and turned back into the system.

On other suction lines, new leads were installed where inspection proved existing leads defective, all wells were washed, hand pumped and cleaned, sand wells driven deeper or raised to more suitable gravel water bearing strata, and in several instances gravel was placed around wells for additional support. One well, which on examination proved to be broken underground, was replaced by driving a new well. A gravel roadway, crossing well Line G to the Town Forest, was found to act as a dam preventing surface water from draining off a section of the well field. To permit drainage, a 12" cast iron pipe drain was laid under the roadway.

A new suction line, Line H, comprising 368.0 feet of 8" C. I. pipe and eight 2½" driven wells averaging 35 feet in depth, was constructed in the late Fall. This line, tapped off Line C, is situated in an excellent water-bearing sector, and all wells proved to be good producers. The work was done entirely by Department employees, and at a low cost. Working conditions were of the best, no ground water whatsoever being encountered. The new line, after being tested, sterilized and flushed, was turned into the well system December 7, 1939. As of December 31, 1939, there were 90 driven wells in active use.

### **Filtration Plant**

The Iron Removal Plant operated efficiently during the year, with a total output of 245,937,000 gallons of aerated and filtered water, aver-

aging 673,800 gallons per day, at a cost of \$3.93 per million gallons filtered.

After constant and continuous usage, a film of iron residue is deposited on the sand filter surfaces. When only a slight deposit is noted, it is broken up by raking with fine, short-toothed rakes. As the deposit becomes heavier and thicker, sand is scraped off to the required depth and washed free of iron content in an ejector box. Both No. 1 and No. 2 Filter were each raked twice and scraped twice during 1939. The settling basin was also cleaned, and a washout in the basin filled in.

The control room and equipment was cleaned and painted, and other maintenance work accomplished.

Tables contained in this report show a comprehensive comparison of analyses of raw water and filtered water at the Iron Removal Plant. Treatment has produced a water containing a very slight turbidity and a little color. The amount of iron found in the filtered water is well below the safe limit. The amount of manganese found is inconsiderable, and the removal of carbon dioxide by aeration is of high degree.

### **Standpipes**

Trouble in the water signal cable from Auburn Street Standpipe to the engineer's residence at Mill Street Pumping Station developed early in the year, and after carefully patrolling the entire length of cable, it was found that rubbing branches, presumably from the 1938 hurricane, had caused short circuits, which were repaired. During this work, overhanging tree branches in close proximity to the cable were removed. A new long distance signaling device was installed at Auburn Street Standpipe, replacing a device that had been in use for many years.

No other repairs or improvements were made to either standpipe, which functioned perfectly throughout the year.

It is recommended that the Bare Hill Standpipe be cleaned and painted during 1940.

### **Pumping Stations**

#### **Hundred Acre Station**

The station operated every day during 1939, averaging 13 hours per day, and delivered 245,937,000 gallons of raw water to the Iron Removal Plant and filtered water to the distribution mains, averaging 673,800 gallons per day, at a cost of pumping figured on total pumping

station expenses of \$32.65 per million gallons pumped. The greatest amount pumped in any one day was on Monday, July 24, with a pumpage of 1,222,100 gallons. The greatest amount pumped in any one week was from July 5 to July 11, inclusive, with a total pumpage of 7,243,200 gallons. Pumpage in 1939 exceeded that of 1938 by 32.08 millions of gallons, due in part to drouth conditions and in part to the increased number of consumers.

The interior of the station—walls, floor, pumps and equipment were cleaned and painted. Regular maintenance work was accomplished on the grounds—lawns fertilized and rolled, bare spots reseeded, etc. Brush was cut on both sides of Strout Avenue and hurricane litter removed.

During the past year the power lines to this station have been extended so that the station now has two sources of electric power. These two lines are connected at the end of Strout Ave. by a manual switch. Should anything now happen to either line the station can be immediately transferred to the other line and continue to operate without loss of time. This Department is indebted to the Municipal Light Board for their cooperation in this matter.

### **Mill Street Pumping Station**

This station was maintained in readiness for use in event of an emergency, but did not operate during the year. During the winter months, the boilers were kept fired to prevent damage to equipment by freezing. Damages caused to the buildings by acts of vandalism by parties unknown were repaired—window glass replaced, etc., and some windows boarded in to prevent repetition of the damage.

A fire, apparently started by carelessness of workers operating in the vicinity of the station, caused damage to the building formerly used as a lime shed. Discovered by a passing pedestrian, the Fire Department was called and soon had the blaze under control, preventing it from spreading to adjacent buildings. Damage to the burned structure was confined to the roof, north wall and attic. Wooden hockey rink sections stored in the building were also partially burned. Insurance adjusters awarded sufficient damages to make repairs, which have been made.

The engineer's residence adjoining the station was partially renovated—walls papered and painted, ceilings whitened, etc. Repairs also were made to the driveways. The grounds were maintained in the usual manner. A pipe guard rail, set in a stone retaining wall on the Mill Street frontage, and badly damaged by fallen limbs and trees during the hurricane, was repaired.

## **General Recommendations**

The department hopes that during 1940 conditions will allow the completion of the 12" main pipe extension on Grove St. This, if done, will be done under a W. P. A. Project. When completed the source of supply will be connected with the distribution system by two 12" mains which may be operated either singly or together. This will practically eliminate the possibility of the Town being cut off from the source of supply through the breakage of a supply pipe. At present should the 12" main on Grove St. between Franklin St. and the Pumping Station become disabled for any reason it would be impossible to supply water to the Town until repairs had been made.

The department hopes this year to be able to install a large check valve outside the pumping station off Grove Street. This valve will be a very important addition to the distribution system. At present a break in the piping within the station would relieve the pressure on the main and allow the water in the main to flow into, and flood, the station. Should this happen, much valuable equipment would be severely damaged. It would require an extended period of time to make necessary repairs during all of which time it would be impossible to use the station and the Town would be without a water supply.

During the past several years the department has continually extended the well field, either by adding new wells in new locations and extending the suction mains to them, or by renewing and replacing wells which became unusable for various reasons. The value of this policy was shown during the past year. While many Towns and Cities were seriously effected by the extended summer drought, Reading had sufficient water at all times to meet all demands. We were indeed fortunate.

The department hopes, this year, to be able to drain, clean, scrape and paint the Bare Hill Standpipe both inside and outside. This standpipe has not been painted since it was erected. It is now in need of a complete renovation.

Each year the department receives many calls, due to townspeople attempting to use rusted shut offs and causing damage to pipes thereby. It would like to advise the townspeople not to apply any great force to shut offs. Aged and rusty shut offs will not stand much pressure without breaking and causing minor floods. Neither will the adjacent pipes if they have been installed any great length of time. This area is the weakest part of the water service. Our advice is to try the shut off easily. If it does not work easily, call the Water Department and we will adjust it. This will save time and expense for both the Town and the property owner.

## HIGHWAY DEPARTMENT

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Gentlemen:

The following is the yearly report of the Highway Department:

Appropriations Voted in March Town Meeting:

1. Highway Maintenance and Construction .....	\$ 45,125.00
2. Removal of Snow and Ice .....	7,844.10
3. Maintenance of Storm Drains .....	2,000.00
4. Sidewalk Construction .....	7,000.00
5. Development of Storm Water Drainage .....	6,500.00
6. Care of Dumps .....	1,200.00
7. Construction of Prospect Street .....	480.00
8. Construction of Belmont Street .....	896.00
9. Construction of Washington Street .....	1,500.00
10. Appropriation for Special Labor .....	13,000.00
11. Purchase of Equipment .....	8,000.00

Appropriation Voted at Special Town Meeting June 20, 1939:

12. Removal of Snow and Ice .....	4,000.00
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Unexpended Balances from Previous Appropriations:

13. Construction of Waverly Road .....	\$ 381.00
14. Construction of Granger Avenue .....	787.75
15. Chapter 90 Construction Lowell St. ....	7,850.20
16. Chapter 90 Construction Woburn St. ....	1,276.47

10,295.42

17. Received from State and County for Chap. 90 Maint.	2,000.00
18. Credited to Highway Dept. for Gasoline Refunds ....	215.94
19. Transfer to Highway Dept. from Reserve Fund for Haven Street Widening and Curbing .....	1,829.00

Grand Total .....	\$111,885.46
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Expenditures and Balances of the above Appropriations:

Item.

1. Highway Dept.—Appropriation for Maintenance and Const. ....	45,125.00
17. Received from State and County for Chap. 90 Main- tenance .....	2,000.00
18. Gasoline Refunds .....	215.94
19. Transfer from Reserve Fund .....	1,829.00

Total .....	\$ 49,169.94
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Expended:

Pay Roll .....	\$18,785.41
General Repairs .....	2,933.75
Road Material .....	13,092.89



Chap. 90 Maintenance .....	3,000.00	
Haven St. Widening .....	1,244.42	
Misc. Supplies and Tools .....	10,072.21	
Total Expended .....		\$ 49,128.68
Balance Unexpended .....		\$ 41.26
2. Removal of Snow and Ice .....		\$ 7,844.10
12. Removal of Snow and Ice .....		4,000.00
Total .....		\$ 11,844.10
Expended:		
Transfer to Reserve .....	\$ 844.10	
Pay Roll .....	6,839.72	
Plowing and Hauling Snow .....	1,156.23	
Repairs and Supplies .....	3,438.48	
Total Expended .....		12,278.53
Deficit .....		\$ 434.43
3. Maintenance of Storm Drains .....		\$ 2,000.00
Expended		
Pay Roll .....	\$ 1,861.00	
Analyses .....	42.00	
Supplies .....	97.00	
Total Expended .....		\$ 2,000.00
Balance Unexpended .....		.00
4. Sidewalk Construction .....		\$ 7,000.00
Expended:		
Pay Roll .....	4,726.56	
Supplies for Construction .....	2,273.44	
Total Expended .....		\$ 7,000.00
Balance Unexpended .....		\$ .00
5. Development of Storm Water Drainage .....		\$ 6,500.00
Expended:		
Pay Roll .....	\$ 3,308.53	
Pipe and Misc. Supplies .....	3,191.43	
Total Expended .....		\$ 6,499.96
Balance Unexpended .....		\$ .04

6.	Care of Dumps .....	\$	1,200.00
	Expended:		
	Pay Roll .....	\$	1,162.35
	Misc. Supplies .....		35.22
	Total Expended .....		1,197.57
	Balance Unexpended .....	\$	2.43
7.	Construction of Prospect Street .....	\$	480.00
	Expended:		
	Pay Roll .....	\$	407.58
	Supplies .....		72.42
	Total Expended .....		480.00
	Balance Unexpended .....	\$	.00
8.	Construction of Belmont Street .....	\$	896.00
	Expended:		
	Pay Roll .....	\$	529.19
	Supplies .....		366.81
	Total Expended .....		896.00
	Balance Unexpended .....	\$	.00
9.	Construction of Washington Street .....	\$	1,500.00
	Expended:		
	Pay Roll .....	\$	346.85
	Supplies .....		1,145.09
	Total Expended .....	\$	1,491.94
	Balance Unexpended .....	\$	8.06
10.	Appropriation for Special Labor .....	\$	13,000.00
	Expended:		
	Pay Roll .....	\$	11,000.00
	Transfer to Welfare Dept. ....		2,000.00
	Total Expended .....		13,000.00
	Balance Unexpended .....	\$	.00

11.	Purchase of Equipment .....	\$	8,000.00
	Expended:		
	Equipment .....	\$	7,929.28
	Total Expended .....		7,929.28
	Balance Unexpended .....	\$	70.72
13.	Construction of Waverly Road—1938 Bal. Forward....	\$	381.00
	Expended		
	Pay Roll .....	\$	167.69
	Supplies .....		204.24
	Total Expended .....		371.93
	Balance Unexpended .....		9.07
14.	Construction Granger Avenue—1938 Bal. Forward ...	\$	787.75
	Expended:		
	Pay Roll .....	\$	623.48
	Supplies .....		164.27
	Total Expended .....	\$	787.75
	Balance Unexpended .....	\$	.00
15.	Chapter 90 Const. Lowell St.—1938 Bal. Forward ..	\$	7,850.20
	Expended:		
	Pay Roll .....	\$	2,817.12
	Supplies and Misc. ....		3,615.66
	Road Machinery Acct. ....		1,347.85
	Total Expended .....	\$	7,780.63
	Balance Unexpended .....	\$	69.57
16.	Chap. 90 Const. Woburn St.—1938 Bal. Forward ....	\$	1,276.47
	Transfer from Road Machinery Acct. ....		84.77
		\$	1,361.24
	Expended:		
	Pay Roll .....	\$	66.02
	Supplies and Misc. ....		57.95
	Road Machinery Acct. ....		1,110.12
	Total Expended .....	\$	1,234.09
	Balance Unexpended .....	\$	127.15

## TOTALS

Items	Appro. and Transfers	Expended	Balance
1-17-18-19	\$ 49,169.94	\$ 49,128.68	\$ 41.26
2-12	11,844.10	12,278.53	—434.43
3	2,000.00	2,000.00	.00
4	7,000.00	7,000.00	.00
5	6,500.00	6,499.96	.04
6	1,200.00	1,197.57	2.43
7	480.00	480.00	.00
8	896.00	896.00	.00
9	1,500.00	1,491.94	8.06
10	13,000.00	13,000.00	.00
11	8,000.00	7,929.28	70.72
13	381.00	371.93	9.07
14	787.75	787.75	.00
15	7,850.20	7,780.63	69.57
16	1,361.24	1,234.09	127.15

## HIGHWAY DEPARTMENT

The withdrawal in 1939 of State and County Chapter 90 Construction funds, with the exception of a portion of Lowell Street uncompleted from 1938 appropriation, enabled the Highway Department to concentrate its efforts on other projects, although greatly curtailing the employment of extra labor.

Lowell Street, from Grove to High Streets, was completed on the balance of 1938 funds; Washington Street, from Main to High Streets, was constructed from a special account; a section of Haven Street widened; and Waverly Road, Belmont Street and Prospect Street extensions constructed under the Betterment Act.

The granolithic sidewalk and granite curbing program was furthered substantially on many streets, both as Betterments and abutting Town property.

Highway maintenance work was carried on extensively, both from regular appropriations and Chapter 90 Maintenance funds and the highways are for the most part in excellent condition.

The major accomplishments of the Highway Department for 1939 of work of a permanently constructive nature, separated into the different phases of work done, is briefly outlined in the following report:

## Snow and Ice

There were seven snow-storms during 1939 of such intensity as to require operation of plowing units, totaling 46.5 inches. In addition, there were several storms classified as "traces" only, from which slight falls of snow resulted.

The first storm of any consequence occurred January 30, starting at 7:00 A. M. Temperature 33°, wind slight N. E., Barometer 29.90 inches, snow light and fine. Snow did not accumulate until 11:00 A. M., when 2½ inches had fallen. Truck plow units were sent out at 1:00 P. M. Snow fall gradually increased in volume, accompanied by a rising Northeast wind of half-gale force, drifting the snow badly. The temperature dropped to 12° by midnight, when the snow had stopped except for occasional squalls. The total snow fall was approximately 8½ inches.

Truck plow units continued plowing through the night, widening streets, clearing drifts, etc. Horse-drawn sidewalk plows covered their routes twice. Tractor sidewalk plows covered their own routes and then covered in on horse-drawn plow routes. The tractor sidewalk plows have, on all occasions used, proved very efficient, often covering sections of horse-plow routes after their own routes were completed.

The second storm of the year occurred on February 7, resulting in 4 inches of snow. Truck plows quickly covered their routes and tractor sidewalk plows, after covering their regular routes, covered in on horse-plow routes, which were not called out during this storm.

On February 15, with temperatures at normal levels, a slight snow-storm started. This snow, with rising temperatures, soon turned to rain and the temperature continued to rise rapidly to a high of plus 66° for the day. Due perhaps to the sudden rise in temperature, a thunder-storm occurred, accompanied by heavy rain-fall, which amounted to .71 inches. The accumulated snow from previous storms quickly melted and caused numerous flooded streets. As snow melted off the ice-coated roads, extremely slippery conditions occurred, and when sanded, the rain washed off the sand, nullifying the work of the sand crews. At 11:00 P. M. this day, February 15, the temperature dropped rapidly and the rain turned to snow. The water on the streets rapidly froze and, covered by a light coating of snow, again caused slippery conditions on streets and sidewalks, which were immediately sanded. During the night, the temperature dropped to plus 5°, showing a change of temperature in less than 24 hours of 61 degrees.

The next storms of major proportions occurred on March 11, 12 and 13. Snow started falling at 5:00 P. M., Saturday, March 11, 1939. Temperature 28° plus, wind moderate. Snow light and dry. Sand trucks were

sent out, as roads became slippery from traffic-packed snow. Snow-fall gradually increased in volume and at 4:00 A. M., Sunday, March 12, 4 inches of snow had accumulated and still snowing heavily. Truck plows had been rigged by the regular snow crew, and started plowing at 5:00 A. M.: tractor sidewalk plows started at 5:00 and 7:30 A. M. respectively. One tractor plow had been under repair before the storm started and had to be re-assembled before operating. Horse-drawn sidewalk plow drivers were notified to start plowing at 5:00 A. M., and started out as soon as the horses could be fed and harnessed.

All streets and sidewalks adjacent to churches were cleared of snow before church services opened. By noon Sunday all plow units had covered their respective routes and the snow-fall had practically ceased with the skies clearing and six inches of snow fallen.

Snow removal work started from the Square and Haven Street at 11:30 A. M., with a crew of 20 men and 5 town trucks and was quickly and easily accomplished, being completed at 4:00 P. M.

No breakdowns of equipment occurred during this storm.

Snow again started falling at 5:00 P. M., Sunday, March 12, temperature plus 30°, moderate to fresh wind. By 7:00 P. M., the wind had freshened to gale force and approximately 4 inches of snow had accumulated, with more snow rapidly piling up. Truck plows, which had been dismantled for hauling snow, were quickly rigged and sent out. Tractor sidewalk plows were also sent out. Horse-drawn sidewalk plows were called at midnight and started around 2:00 A. M. By this time, approximately 12 inches of snow had fallen and the high wind caused drifts to form in many sections. Snow continued to fall steadily until near noon Monday, March 13, when it had again practically stopped. Snow removal started on Woburn Street from the Square to Sanborn Street in anticipation of the Annual Town Meeting scheduled for that night in Security Hall. Woburn Street was quickly cleared, and operations transferred to the Square and Haven Street. A fleet of 10 hired trucks and a crew of 41 shovelers were employed in snow removal work, which continued until midnight Monday, March 13. Approximately 14 inches of snow fell during this second storm.

One breakdown of equipment occurred during this storm, a section of the plow hoist on a Sterling truck. The break was welded immediately and plowing resumed. The horse-drawn sidewalk plows were unable to cope with the heavy fall of snow, even although some of the drivers hitched their horses up tandem, two horses to a plow. The sidewalk tractor plow units quickly covered their own routes and were then sent out to cover the horse-plow routes, continuing through Wednesday, March 15.

High winds caused much drifting of snow and street plows were



continually engaged in widening streets until Wednesday, March 15. Wednesday evening a thaw had melted the packed snow on the roads and rain began. All street plow units were sent over their routes to push back the resulting snow and slush.

The rain continued through Wednesday night, and Thursday morning the melted snow had flooded the highways. Crews of men were immediately sent out to open catch basins and culverts and drain pools of water from roadways wherever possible.

Slush and melted snow were plowed from streets again on Thursday, March 16. Falling temperature Thursday night caused icy streets, which were sanded. The temperatures throughout the week were such that the traffic-packed snow on the roads would not melt enough to allow the plows to strip the snow to the street surfaces, necessitating repeated plowings to clear the roads.

Other snow-storms during the year were as follows:

February 22—Snow-fall 1 inch, Temperature plus 20°, wind slight.

March 9—Snow-fall 5 inches, Temperature plus 28°, wind moderate.

December 11—Snow-fall 3 inches, Temperature plus 24°, wind moderate.

December 30—Snow-fall 5 inches, Temperature plus 20°, wind moderate.

Sanding of icy streets and sidewalks was necessary practically daily during the early months of 1939. The two mechanical sanders were used continually and proved effective, enabling sand crews to cover more roadway with less sand than by the old method of hand-casting and also more evenly.

No major breakdowns of equipment occurred during the year. The snow-plowing equipment was augmented during the year by the acquisition of a new Sterling 5-Ton truck, similar to the two already owned by the Department. As no truck was turned in on the purchase, it was necessary to re-route all plow units, assigning shorter routes for each truck.

Snow fences were repaired during the summer months and erected in the fall in their usual locations. The wooden horse-drawn sidewalk plows, most of which are many years old, are in very poor condition. Although repairs were made during the early fall, several plows became broken during the storm of December 30. It has been determined that these plows can be more economically replaced by using the iron castings and frame parts from the old plows and completely rebuilding the wooden portions than by purchasing new plows, except in the case of the two large plows. These large plows are beyond repair and since the metal parts are not worth salvaging, it would be advisable to buy new ones.

## GENERAL HIGHWAY MAINTENANCE

Cold weather during the early part of 1939 caused deep frost, which, when drawn out by continued rainfall in March and April, caused some break-up of road surfaces by frost boils and raveling. The highway surfaces as a whole, however, were in fair condition.

Inclement weather delayed spring roadway maintenance, the first application of road oil being made on June 5. The Adams Road Hone was used to hone sections of or the entire lengths of 27 streets. Several unevenly surfaced sections of streets, shaped with the road hone in former years, have retained the crown and slope obtained by honing, which has proved an economical, semi-permanent method of renovating and reshaping street surfaces. Honing is also a much faster method of maintaining road surfaces than the old method of scarifying, grading and rolling, although in some instances, on very rough and uneven streets, scarifying must still be done. In 1939, sections of 11 streets were scarified. Sections and/or entire lengths of 83 streets were surface treated with road oil, sand covered by means of a mechanical sand spreader. A total of 128,101 gallons of road oil were applied to street surfaces during roadway maintenance operations.

Early in the spring, it was necessary to gravel-patch frost boils, sunken trenches and soft shoulders on several streets. One gravel road, Walnut Street, South of South Street, received extensive gravel patching as did Longfellow Road, North of Tower Road. K. P. patching was accomplished throughout the year as required, with gravel, sand, and pea stone used as a base for the patching mixture. A new K. P. mixer was purchased to replace a mixer used by the Department for twenty years. A total of 7,498 gallons of cold patch liquid was used.

Gravel berms were constructed in several locations at roadsides to prevent surface water from entering private property—these berms serve the purpose only of diverting the water, in outlying sections where sidewalks and curbing are lacking. The longest berm constructed was on Franklin Street, South side, Westerly from Pearl Street; and on Pearl Street, West side, Southerly from Franklin Street; measuring 300 feet on Franklin Street and 500 feet on Pearl Street.

Although Chapter 90 Construction funds were withdrawn in 1939, Chapter 90 Maintenance funds were allotted. With these funds, Haverhill Street was tarvia sealed and sanded for its entire length, brush removed from the roadsides, cement guard rail posts repaired and painted, and a new Town Line post and sign purchased and erected on the Reading-Wakefield Town Line. On Lowell Street, a section of roadway from Woburn Street to High Street was tarvia sealed, pea stone covered and honed; and in front of the milk depot near the Wilmington Line, where milk trucks had worn away a gravel shoulder causing

raveling of the roadway, granite curbing was set nearly flush with the normal shoulder elevation for a distance of 150.0 feet and six cement guard rail posts were set to compel use of two driveways.

## CHAPTER 83 CONSTRUCTION

The following listed streets were accepted as public town ways under the provisions of Chapter 83, Section 26, General Laws, which statute authorizes the assessment of betterments for road construction, at the Annual March Town Meeting, March 13, 1939.

Belmont Street: Orange Street Northerly to Dead End 481.56 feet.

Prospect Street: Acceptance of March, 1927, Northerly to Dead End 184.0 feet.

Both of these streets have been constructed. Prospect Street required the use of a power shovel for excavation, after which the roadway was gravel filled, graded, and surface treated with road oil. Stone dust surfaced gravel sidewalks completed the construction.

Belmont Street was excavated and rough graded with a bulldozer, earth and gravel borrow placed, graded, and seal-coated. It was also necessary to install drain pipes, catch basins and manholes to insure drainage.

Granger Avenue, accepted as a public way in March 1938 under the Betterment Act, was constructed in 1939. A power shovel excavated the roadway and many large boulders were encountered, some of which required blasting before removal. The road surface was constructed of tar treated gravel and stone-dust surfaced gravel sidewalks were also installed.

Waverly Road, also accepted and partially constructed in 1938, was completed. The Northwesterly intersection of Waverly and Hillside Roads, containing a high earth embankment, was excavated with a power shovel and a mortared stone retaining wall erected. The roadway was surfaced with tar treated gravel.

A tract of land was acquired in Birch Meadow abutting the Birch Meadow Playground and a right-of-way from Forest Street obtained to it, through lands of the Fathers and Mothers Club. This right-of-way, 907.0 feet in length, was roughed out, trees and brush cut, stumps removed and sections of a stone wall removed and rebuilt, most of this work being done with Welfare labor. A power shovel then excavated the roadway, earth and gravel borrow placed, and rough graded. A finished surface was not laid, as it was deemed advisable to allow the deeper fills to settle before so doing. When completed, access to Birch Meadow Playground will be possible from Forest Street.

### **Alterations and Relocations**

Two relocations or alterations to existing street lines were voted at the Annual Town Meeting March 13, as follows:

Southwesterly corner of Woburn Street and Copeland Avenue.

Southerly and Westerly line of West Street, north of Longwood Road, 324.92 feet.

In both instances, the owners of properties affected have voluntarily deeded the Town the portions of their land included in the relocations. Due to pressure of other work, the relocations were not started in 1939 but will be done in 1940. It is intended to round the corner of Woburn Street and Copeland Avenue on a radius of 20.0 feet, and install granite radius curbing; and on West Street a traffic hazard will be eliminated by widening a narrow roadway at a sharp curve, flattening the curve and cutting and sloping back a high bank which, at present, causes a blind corner.

At a Special Town Meeting held October 17, one other relocation was voted, being the Southerly line of Haven Street from High Street to Gould Street. This relocation was occasioned by the acquisition of the Town of the property known as "Black's Block" for the erection of a building for the use of the Municipal Light Department. Haven Street being quite narrow at this point, the street was widened substantially, curbing removed and reset, a new granolithic sidewalk constructed and the section of roadway between the new curb location and the old roadway was excavated and constructed with a penolithic penetration type of surface.

### **Special Construction—Washington Street**

A section of Washington Street, between High Street and Main Street, was reconstructed by means of a special appropriation, using Welfare labor for the reconstruction on all hand-labor operations. The roadway was excavated with a power shovel, catch basins rebuilt and storm drains relaid, gravel borrow placed, graded and rolled, and a penolithic penetration type of surface laid.

## **CHAPTER 90 CONSTRUCTION**

At the Annual March Town Meeting, the following sums were raised and appropriated for the improvement and construction of portions of Lowell and Charles Streets: for Lowell Street, \$4500.00, for Charles Street, \$4500.00. The State Legislature, however, saw fit to cancel all State Chapter 90 allotments, the County Commissioners did likewise with County grants, and the Town's funds, appropriated with the specific proviso that they were to be used in conjunction with funds

allotted by the State and County, were not usable. Therefore, no new Chapter 90 Construction was possible.

A section of Lowell Street, from Grove Street to High Street, being an uncompleted portion of 1938 Chapter 90 Construction, was completed. Excavation was accomplished with a power shovel, gravel borrow from the Town Pit placed, graded and rolled, drainage completed, including building a large culvert near Intervale Terrace and the construction of concrete head-and-wing-walls, and a penolithic surface constructed on the roadway. Rip-rapping of an open drain ditch near Intervale Terrace was also included in this construction.

### **Granolithic Sidewalks**

Granolithic sidewalk construction was furthered by the installation of 3,285.48 square yards of sidewalks on a total frontage of 4,977.03 lineal feet, abutting 57 different properties. Included in these totals were 46 sidewalks, constructed, on application by abutting property owners, under the Betterment Act, totaling 2,548.19 square yards on a frontage of 4,168.67 lineal feet, varying in width from 4.5 feet to 7.5 feet. The average total cost per lineal foot of frontage for normal widths of granolithic sidewalks in 1939 was \$.0824 or \$.0412 per lineal foot of frontage to the abuttor. On three streets, namely Highland, Hunt and Green Street, groups of neighboring property owners made mass application for sidewalks, resulting in unbroken stretches of granolithic sidewalk, the longest of which, Highland Street, measured 569.52 lineal feet.

On several other locations, granolithic sidewalks were constructed abutting Town-owned properties, such as the World War Memorial, Center School, Laurel Hill Cemetery, etc.

It was necessary on Highland Street, prior to sidewalk construction, to remove a granite block retaining wall at the Westerly intersection of Lowell Street, which protruded from 6 feet to 9 feet on Town property. The wall was set back and rebuilt and a flight of steps rebuilt. Several low protruding cement block retaining walls were also set back and steps rebuilt on Green Street prior to sidewalk construction, the wall set-back on Green Street being accomplished largely with Welfare labor.

In several locations, sections of granolithic sidewalks, lifted or broken by growing tree roots, by trees uprooted during the hurricane, and other causes, were removed and replaced. Several stepping blocks were built across tree lawns at owners' requests and on Main Street, East side, South of Pleasant Street, a section of old granolithic sidewalk was replaced. In two instances, granolithic driveways were widened at

the owners' request; and in another instance, two concrete sidewalk slabs were removed and rebuilt as a driveway apron.

Several applications for granolithic sidewalk construction under the Betterment Act, received in 1939 but not installed due to lack of funds, will receive priority in 1940 construction.

The following table illustrates granolithic sidewalk construction in 1939:

#### GRANOLITHIC SIDEWALK CONSTRUCTION BY STREETS

Street	Number Lots	Feet Frontage	Square Yards
California Road .....	3	225.00	133.20
Chute Street .....	2	214.25	132.35
Federal Street (off) .....	1	111.80	60.00
Gould Street .....	1	68.22	59.67
Grand Street .....	1	84.40	48.06
Green Street .....	6	295.00	185.04
Hanscom Avenue .....	2	220.30	127.83
Haven Street .....	2	290.04	296.30
Hillcrest Road .....	1	108.80	61.50
Highland Street .....	8	569.52	360.20
Hunt Street .....	8	690.00	356.20
Lowell Street .....	1	118.55	81.83
Main Street .....	2	247.20	196.20
Pleasant Street .....	2	95.20	73.68
Salem Street .....	4	433.95	353.18
Sanborn Street .....	1	32.15	20.29
Summer Avenue .....	2	160.00	98.23
Vine Street .....	1	99.20	58.89
Washington Street .....	4	234.30	147.61
West Street .....	1	183.37	139.43
Willow Street .....	1	50.00	29.00
Woburn Street .....	3	445.78	266.79
	57	4,977.03	3,285.48



## **STONE DUST SIDEWALKS**

A total of 84.48 tons of stone dust was applied as a temporary surface treatment for dirt sidewalks on a total frontage of 5,170.0 lineal feet covering 3,009.0 square yards of sidewalk surface averaging 5.0 feet in width. While stone dust is at best but a stop-gap in lieu of more permanent construction, it does dry up muddy earth walks and somewhat improves walking conditions.

Stone dust was also applied to new gravel sidewalks on streets constructed under the Betterment Act in 1939, and applied to all sidewalks abutting the Commons.

## **GRAVEL SIDEWALKS**

Gravel sidewalks were constructed in 35 separated locations on a total frontage of 3,833.0 lineal feet, covering 3,250 square yards. Individual gravel sidewalk installations averaged 127.76 lineal feet in length.

These sidewalks were constructed on all Betterment constructed streets; abutting newly constructed houses; on outlying streets where no sidewalks existed and in other locations at the request of property owners. The longest single stretch of gravel sidewalk was constructed on Franklin Street, South side, from Pearl Street to near Main Street, where a narrow crooked roadway and a heavily travelled street combined to create a dangerous condition for pedestrians, especially school children.

## **GRANITE CURBING**

New granite curbing totaling 1,551.25 lineal feet and including 1,377.35 feet of straight and 173.90 feet of radius curb; and 28 driveway corners or returns were installed in 1939, in 22 different locations, of which 19 installations were made as Betterments on applications of property owners.

Radius curbing was set to round five street intersections in various locations. Two of these roundings were made on intersections relocated in past years on which no construction had been accomplished; the other three were on corners not previously curbed.

Due to granolithic sidewalk construction, street relocations, grade changes and other causes, it was necessary to reset 618.0 lineal feet of existing granite curbing; the longest single stretch of resetting being accomplished on Haven Street, from High Street to Gould Street, where, due to a relocation, it was necessary to reset 246.8 lineal feet of 6" x 18" curbing. In several instances, curbing moved by hurricane felled trees was reset. In several instances of curbing installation, where trees protruded into the normal curb line, sections of brick and cement curbing were installed to avoid endangering the life of the trees by cutting roots.

The following table defines new granite curbing installations by streets in 1939:

### GRANITE CURBING INSTALLATION BY STREETS

Street	Number	Feet	Curbing	Installed	Total
	Lots	Straight	Radius	Returns	Length Feet
Berkeley Street .....	2	96.50		2	96.50
California Road .....	5	296.10		8	296.10
Chute Street .....	1	33.00		0	33.00
Cross Street .....	1	43.40		2	43.40
Elliott Street .....	1	4.00	18.0	0	22.00
Haven Street .....	1	9.75	39.7	3	49.45
Highland Street ....	1	123.00	35.0	1	158.00
Hillcrest Road .....	1	109.20		0	109.20
Main Street .....	1	64.30	37.2	1	101.50
Summer Avenue ....	1	78.60		0	78.60
Vine Street .....	1	80.00	44.0	0	124.00
Washington Street ..	4	151.90		9	151.90
West Street .....	1	161.60		2	161.60
Woburn Street .....	1	126.00		0	126.00
Totals	22	1,377.35	173.90	28	1,551.25

### BOUND STONES SET

Bound points were set as required by law to define street lines, as shown in the following table:

### BOUND STONES SET

Street	Location Set	Reason Set	No. Set
Belmont	Orange St. Northerly to Dead End	Accept, of 1939	6
Main	N. W. Cor. Main and Salem	Reloc. of curve	1
Woburn	N. W. Cor. Woburn and Chute	Grano. s/w const.	1
Hanscom Ave.	54 Hanscom Ave., West side	Grano. s/w const.	1
Woburn	South Side, near no. 36	Grano. s/w const.	2
Sanborn	West Side, South of Woburn	Grano. s/w const.	1
Lowell	North Side, at War Memorial	Grano. s/w const.	1
Vine	N. E. Corner Vine and Bond	Reloc. of corner	2
Highland	East side, near no. 25, at angle point	Grano. s/w const.	1
Granger Ave.	Haverhill St. Westerly	Accept of 1938	10
Prospect Ext.	Accept. of 1927 Northerly	Accept. of 1939	2
Waverly Road	Hillside Rd., North-Westerly	Accept. of 1938	4
Haven	Between High and Gould Sts.	Reloc. of 1939	3
Gould	Near Haven St.	Reloc. of Haven	1

Total 36

Bound stones were set on all 1939 street acceptances; on two streets accepted in 1938, and all relocations accomplished in 1939. Several bounds were reset where construction work disturbed the bounds and several bounds were raised or lowered to meet new grades, in all instances being carefully checked by a survey crew.

## STORM WATER DRAINAGE

Storm water drains totaling 2,869.3 feet and ranging in size from 4 inches to 30 inches diameter were installed in 1939, to correct drainage conditions in various locations; 24 catch basins and 16 manholes were constructed, and 12 granite curb inlets or throatstones set.

The following table illustrates the streets, length and size of drain pipes laid, also catch basins, manholes and curb inlets:

Size and Length of Pipe Installed

Location	30"	24"	18"	12"	8"	6"	5"	4"	C. B.	M. H.	C. I.	Totals
Ash St.....									1			.....
Belmont St.....				198.2					2	2		198.2
Birch Meadow.....			21.0									21.0
California Rd.....		25.0	366.0						1	2		391.0
Charles St.....			32.0									32.0
Franklin St.....									1			.....
Hanscom Ave.....				42.8					2		1	42.8
Harrison St.....				298.0						3		298.0
Haven St.....					24.0				1			24.0
John St.....									2		2	.....
King St.....									1			.....
Libby Ave.....							84.0	22.0				106.0
Middle St.....				34.0					1		1	34.0
Prescott St.....	237.0									2		237.0
Pinevale Ave.....				20.0								20.0
Salem St.....		199.5								1		199.5
Union St.....				268.4					2	2	2	268.4
Washington St.....						404.0			2	2		404.0
Weston Rd.....				220.0					3	2	2	220.0
Willow St.....				168.0					2		1	168.0
Winthrop Ave.....				205.4					3		3	205.4
Totals.....	237.0	224.5	419.0	1,454.8	24.0	104.0	84.0	22.0	24	16	12	2,869.3

The Woburn Street-Prescott Street open ditch, partially piped in 1938, was completed and the entire drain location graded, loamed and seeded.

A drain easement was secured from property owners affected and a section of open drain ditch Southerly from Salem Street opposite Memorial Park was piped, and the culvert under Salem Street at this point thoroughly cleaned.

One settling basin was constructed on Franklin Street in an attempt to eliminate a bad drain condition where surface water collected in a low spot in the roadway, and so far has proved successful. These settling basins are larger than a regulation catch basin, with a gravel base to permit rapid leaching away of surface water collected.

Several catch basins were installed and connected to existing drains where conditions warranted, and several catch basins, found in poor repair, were rebuilt.

### **MAINTENANCE OF STORM DRAINS**

During the unusually dry summer and fall seasons, it was possible to thoroughly clean, deepen and widen many open drain ditches and brooks, in many of which no flow of water was found, in others only a small amount. Relief recipients were engaged extensively in this work, supervised by department employees.

On several open ditches, at angles, bends and junctions with other ditches, stone rip-rapping was laid to prevent erosion of ditch-walls.

A W. P. A. ditch rip-rap project, approved in 1938, resulted in rip-rapping the large open drain ditch adjacent to the Boston and Maine Railroad track from Washington and High Streets to Main Street. The project, though not completed, was discontinued but is expected to be revived in 1940.

The annual inspection and cleaning of catch basins was accomplished and loose or broken catch basin or manhole covers replaced.

### **SPECIAL LABOR ACCOUNT**

A special labor fund was raised and appropriated at the Annual March Town Meeting for the continuance of the system inaugurated in 1938, whereby the Welfare Board furnishes the Board of Public Works, each week, with a list of employables from the Welfare rolls. These recipients are assigned to suitable work under the supervision of departmental employees. These men are assigned to work from one to five days per week, in accordance with individual budget requirements set for them by the Welfare Department.

Much constructive work was accomplished by these Welfare laborers in 1939, and the town benefited to the extent of having received a definite return for the money necessarily expended on relief.

Maintenance work at the parks, playgrounds and commons was accomplished almost entirely by these men, as was also much construction work, chief of these being the construction of the wading pool at Washington Street Park; the grading of an additional play area in Birch Meadow Playground; and the construction of the dam, clearing of the land, etc. at the Sturges Ice Skating and Winter Sports Center off Walnut and South Streets.

The right-of-way from Forest Street Southerly to Birch Meadow Playground was also constructed largely by Welfare labor, including removing and rebuilding several hundred lineal feet of stone walls; also much of Waverly Road construction was accomplished by them.

Several retaining walls were erected in various locations and on Pearl Street between Nichols' Lane and Main Street, a long section of stone wall was rebuilt.

On Washington Street construction, Welfare labor was used as much as practical. They were also used on sweeping and cleaning sand from streets and sidewalks.

At the Municipal Garage, Welfare laborers erected a cement block retaining wall for a ramp to the proposed K. P. Mixing Plant and helped fill the ramp with gravel. The front yard was graded, raked, and loam applied, in part, and will be completed in the spring of 1940.

## GENERAL

Several improvements have been accomplished at the Municipal Garage, chief among which was the start of a K. P. Mixing Plant, located in the rear of the garage. When completed, K. P. mixing will be greatly facilitated, as the raw materials can be mixed on an upper level and the finished product delivered to patching trucks on a lower level by means of a hopper and chute.

A chain link fence was erected around the Machine Shop to protect machinery, which has been in continual use during the year repairing equipment, turning out replacement parts, etc.

At some time during the night of August 26, 1939, the garage was broken into by persons unknown and the Chevrolet coupe used by the Superintendent stolen. Entrance to the garage was affected by breaking a rear window, which entered into the stockroom. The stockroom being enclosed with a chain link fence and padlocked gate, a section of fencing was cut out with a pair of powerful brush-cutters. The burglars then apparently opened a garage door, backed out a truck which was parked behind the coupe, backed out the coupe, put the truck back in the garage and closed the door. The theft of the coupe was discovered the following morning and the police notified. The coupe was discovered, undamaged except for defacing of the door lettering, in a wood-road off Vernon Street in Wakefield two days later. The thieves were not apprehended.

The front approach to the garage from John Street has been landscaped and 18 Maple trees and 16 Poplar trees set out. This adds much to the appearance of the garage.

## GENERAL RECOMMENDATIONS

The Special Labor Account, which was instituted in 1938, is working well. Under this system persons receiving relief from the town who are physically able to work are assigned to this department for work. They are then assigned by this department to some particular project. The department has endeavored to assign them to projects which do not require any large expenditures for materials, except in cases where particular appropriations are made for their use. Much work of a constructive nature has been accomplished and the town thereby has received a definite return for the money expended on relief.

The number of granolithic sidewalk applications received from property owners in 1939 increased greatly over 1938. Several applications remain from 1939. Also several applications have been received so far in 1940. Owners who are contemplating the construction of granolithic sidewalks are advised to file the applications immediately.

The action of the State Legislature in failing to appropriate funds for Chapter 90 Road Construction has had a serious effect on the town. No Chapter 90 work was accomplished in 1939, except a portion of Lowell Street which was carried over from 1938. Neither will there be any in 1940 unless the Legislature reconsiders its previous action. This situation not only prevents the reconstruction of important streets but has a serious financial effect. The lack of Chapter 90 work seriously reduces the amount of money spent by this Department on payrolls. This reduction in payroll will be felt by the merchants in town in lesser sales. Also the amount of money spent by the town on relief will necessarily increase.

The department has been able, in the past two years, to remedy several situations which have been causing annoyance and irritation to townspeople for the past several years. Many small jobs of a constructive nature have been done such as: removing dangerous traffic hazards of various kinds, correcting poor drainage conditions, rounding particularly sharp corners, and several others. If the appropriations are kept at the same relative level in the next few years as they have been in the past two years, the department will be able to continue to remedy these situations to the benefit of the townspeople. It is more economical to do this type of work gradually by remedying a few situations each year than it is to raise large sums occasionally for the same purpose.



## ROLLING EQUIPMENT OF THE BOARD OF PUBLIC WORKS

The following chart will illustrate the rolling equipment of the Highway, Water and Sewer Departments, and the year purchased:

No.	Item	Year Purchased
1.	1—5 ton Sterling H. C. 105 Truck .....	1939
2.	1—VT6 4-Cyl. Gas Driven Tandem Roller 1½ Ton .....	1939
3.	1—6SCP 6 Cubic Foot Cold Patch Mixer .....	1939
4.	1—Rotary Street Broom .....	1939
5.	1—1½ Ton Winch and Derrick .....	1939
6.	1—¾ Yd. Steam Shovel .....	1939
7.	1—5 Ton Sterling H. C. 100 M. Z. Truck .....	1937
8.	1—Model 82 Barber-Greene Loader .....	1937
9.	1—Model E. Cletrac Tractor .....	1937
10.	1—Chevrolet Chassis Air Compressor Truck .....	1937
11.	1—Model 80 "Handy Sandy" Sand Spreader .....	1937
12.	1—Ford V-8 Pick-up Truck .....	1937
13.	1—5-Ton Sterling H. C. 100 Truck .....	1936
14.	1—1½ Ton Dodge Truck with Custom Built Body .....	1936
15.	1—1½ Ton Chevrolet Truck .....	1936
16.	1—Chevrolet Standard Coupe .....	1936
17.	1—Cletrac Model BG Tractor .....	1936
18.	1—5-Ton Walters FM Four Wheel Drive Truck .....	1935
19.	1—2½ Ton Diamond T. Truck .....	1934
20.	1—Caterpillar Tractor .....	1934
21.	1 1½ Ton Chevrolet Truck .....	1934
22.	1—15 Ton Gasoline Driven Road Roller .....	1931
23.	1—Master 7 Cement Mixer .....	1931
24.	1—5 Ton Autocar Truck .....	1930
25.	1—Fordson Tractor .....	1927
26.	1—Trailer .....	1923
27.	1—K. P. Mixer .....	1922

## PARK DEPARTMENT

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To the Board of Public Works:

Gentlemen:

The following is the yearly report of the Park Department:

Appropriation .....	\$ 4,500.00
Transfer from Reserve .....	170.00
Refund .....	4.73
	<hr/>
	\$ 4,674.73

Expended:

Memorial Park

Pay Roll, Care of Park .....	\$ 196.57	
Lights .....	49.21	
Misc. Supplies and Tools ....	206.78	
	<hr/>	
		\$ 452.56

Leach Park

Pay Roll .....	\$ 10.62	
Grass Seed and Fertilizer .....	51.51	
Misc. Supplies .....	10.00	
	<hr/>	
		\$ 72.13

Commons

Pay Roll .....	\$ 43.32	
Grass Seed and Fertilizer .....	51.51	
Misc. Supplies .....	73.95	
	<hr/>	
		\$ 168.78

Curtis Street Rink

Pay Roll .....	\$ 9.56	
Lights and Repairs .....	20.49	
	<hr/>	
		\$ 30.05

# Sturges Rink

Pay Roll .....	\$	46.10	
Lights .....		.75	
Supplies for Hockey Rink .....		55.19	
			\$ 102.04

# Washington Street Park

Pay Roll .....	\$	730.78	
Lights .....		9.00	
Fence .....		220.00	
Resurface Tennis Court .....		220.00	
Misc. Supplies .....		479.06	
			\$ 1,658.84

# Birch Meadow Playground

Pay Roll .....	\$	432.57	
Lights .....		105.31	
Moving and Repairing Lights		400.92	
Fencing .....		103.00	
Resurface Tennis Court .....		245.00	
Misc. Supplies .....		247.12	
			\$ 1,533.92

# General

Supervised Play—Payroll .....	\$	310.85	
Power Lawn Mower .....		340.00	
			\$ 650.85

GRAND TOTAL EXPENDED	\$ 4,669.17
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BALANCE UNEXPENDED	\$ 5.56
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## PARK DEPARTMENT

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Readings' Parks, Playgrounds and Recreation Centers continued popular with devotees of outdoor sports in 1939. Tennis and horseshoe courts, baseball and softball diamonds were in constant use by adults and juniors, and the young children enjoyed the facilities offered by wading pools, swings, see-saws, sand boxes, etc.

Softball continued very popular, with several softball leagues operating in season, including teams from local business establishments, fraternal organizations and town departments.

Paid playground supervisors and instructors were in attendance at all parks and playgrounds at regularly scheduled periods, during July and August, augmenting the W. P. A. Recreation Project playground supervisors. These young people, all of whom were qualified as athletic instructors in one or more of the various outdoor sports, and also in several handicraft hobbies, such as model airplane construction and woodworking, held classes daily in baseball, tennis, softball and football, also in craft-work, for the youngsters at the parks.

Ice hockey and skating were also popular, in season, and rinks and skating areas maintained. The cold weather in November and December of 1939 and lack of snow caused particularly good ice conditions.

A brief resume of the improvements accomplished at each park, playground and recreation center and the commons follows:

### Memorial Park

Maintenance work at the Park throughout the year was accomplished by Soldiers Relief and Welfare Department laborers supervised by Departmental employees. Early in the Spring, the grounds were thoroughly cleared of debris left by the September 1938 hurricane and several old and partly dead poplar trees on the Salem Street frontage, weakened by the hurricane, were either pruned or removed. Shrubs and bushes were pruned and trimmed, shrub beds and walks edged, walks raked and graveled and lawn areas kept mowed and trimmed.

The system of French drains installed in 1938 functioned satisfactorily and permitted the use of that section of the Park so treated to be used as a junior ball diamond continuously.

The play equipment in the enclosed play yard was repaired and erected early in the summer season, and the enclosure was opened during specified periods daily with playground supervisors in attendance.

The horseshoe courts, located near the Harrison Street entrance, were not usable during wet periods of the year. To remedy this condition, the elevation of the courts was raised approximately two and one-half feet with gravel filling; raked, rolled and graded. New pitching boxes, bars and pins were installed and the lights repaired.

Before flooding the skating area in the fall, grass was burned and hummocks removed from the pond area. Because of the dry weather, the Park was not fully flooded until late in December when heavy rains and melting snow overflowed the area.

### **Birch Meadow Playground**

Birch Meadow continued to be the most popular of our various parks. With facilities for baseball, softball, tennis, wading and other recreational activities, including a hockey rink and ice skating in season, the Playground is in continuous use throughout the year.

The Playground was further developed by clearing an additional area Southeast of the "Overlook" and grading same with earth fill obtained from various construction jobs.

A regulation softball diamond was constructed, complete with a backstop and floodlights and was used constantly in season by various softball leagues. Due to the extreme popularity of this sport, the field was relocated during the fall so as to provide a larger area for playing. This larger area is so located that games may now be played without the necessity of established field rules because of physical obstacles.

The wading pool was cleaned and repaired, cracks filled and a layer of cement run over the floor of the pool. Fine sand was spread around the pool to create a "beach." The hot, dry summer season made the pool extremely popular with the younger children, who at times overtaxed its capacity. The pool was cleaned, flushed and sterilized at frequent intervals so as to provide sanitary conditions at all times.

Tennis courts were repaired and reconditioned early in the spring; fences rebuilt, court playing lines repainted, nets stretched and net covers installed, etc. One court was completely resurfaced with a black-top hot mix and rolled into a smooth, level playing surface.

A new roadway, started in 1939, was completed with filling hauled from various near-by construction jobs and permits access to the Playground from Main Street via Hillside and Waverly Roads. Eventually, a second new roadway will connect with Rice Road and Forest Street, permitting access to the Playground from the Northern section of town.

Brush was cut from the "Overlook" and three small field-stone fireplaces built for picnickers.

Swings, see-saws and the "Ocean Wave" apparatus were erected early in the season. Because of vandalism, it was necessary to dismantle and remove the "Ocean Wave" during the summer. This vandalism was carried to such an extent that the "Ocean Wave" has been completely wrecked and will have to be abandoned.

### Washington Street Ball Park

Spring maintenance work on the Ball Park was delayed by rainy weather and soft ground and could not be started until the middle of April. The entire Park area was raked and cleaned of debris, fertilizer applied and spread, low and/or bare spots loamed and seeded and the entire field rolled with a tandem gasoline roller. Runners lanes between bases were spaded up, loam applied and rolled; pitchers mound and batters box excavated and filled with clay. The ball field was available for spring baseball practice April 20.

The tennis courts required extensive repairs, particularly to the fences, which were partially rebuilt and then painted. One court was resurfaced with hot top mix.

The bleachers, used the preceding fall at the Junior High School, were dismantled and moved to the Ball Park; repaired, painted and erected. A score-board of suitable dimension and construction was erected between the bleachers and the flag-pole.

During the year, Welfare employees were assigned as caretakers at the Park, mowing grass, raking, pruning shrubs, etc. During the dry, hot summer, it was several times necessary to spray the infield with water to prevent burning out of the grass and sod.

The wading pool at Birch Meadow Playground in past years has proved so popular that a petition, signed by 110 residents abutting Washington Street Ball Park, was tendered to the Board requesting a wading pool be constructed at the Ball Park for the use of children in that vicinity, who formerly were obliged to travel a considerable distance to use the Birch Meadow Pool. The Board has recognized for some time the need of more wading pools, but due to lack of funds has been unable to build them.

By utilizing Welfare labor, however, a wading pool was constructed at the Ball Park, located between the tennis courts and bleachers at the Westerly boundary of the Park. The pool, of similar design to the Birch Meadow Pool, is constructed of rip-rapped stone walls, bottom and sides grouted with cement, and a 2 inch cover of cement laid over bottom of pool, which is 56 feet by 40 feet in dimension, with sloping ends and bottom, allowing water depths of from 0 to 4.0 feet. A ball type shower was built into the shallow end of the pool and a 5 inch V. C. drain pipe laid in an easement taken across private property to outlet the pool into an open drain ditch. To fill the pool and operate the shower, a 2 inch cast iron pipe was laid from Washington Street. A chain link fence with a lockable gate was erected to enclose the pool and was kept closed at all times except when a playground supervisor



was in attendance. Needless to say, the pool was thronged with children during the hot summer months. Due to the continuous use of this pool by great numbers of children, it has been necessary to frequently drain clean, flush and sterilize the pool and the adjacent surroundings so as to insure relatively sanitary conditions.

The baseball field was in continual use in season, with school, town, and community league teams active. Playground supervisors were assigned to give instructions and coaching for baseball and tennis. A softball diamond was laid out and used extensively and in the fall, a junior size football gridiron was laid out.

The childrens swings and see-saws were kept in good repair and sand boxes refilled and maintained.

The Annual Fourth of July Field Day, sponsored by the Board, was held as usual at the Ball Park the morning of the Fourth. Approximately 150 children participated in the games and races, with a large gallery of adult spectators on the side lines. Three races or contests were run in each of the following classes: Midgets, Age 9—12, Boys and Girls; Juniors, Age 12—15, Boys and Girls; Seniors, Age 15 and over, Boys and Girls; also an open to all Bicycle Race and a Special Event for Boy and Girl Scouts. Prizes were awarded for First and Second Place in each event, a total of 42 prizes being awarded. This Field Day is very popular and becoming more so each year. Although the prizes are of an inexpensive nature the children strive hard to win them and seem to be quite pleased with them.

### **Reading Common**

The four grass plots comprising the Common received regular attention and maintenance, this work being assigned to Welfare laborers. Loam was applied to low and/or bare spots, rolled and seeded. The entire area was raked early in the spring to remove hurricane litter, fertilized and rolled.

One Maple tree and two Elm trees were planted to replace those lost in the hurricane of 1938 and shrubs and trees pruned and trimmed. Shrub beds and walks were edged and smoothed and stone dust applied on all sidewalks surrounding the Common.

The settees on the Northwest common were repaired and oil treated, and one new settee constructed and set. Prolonged drouth conditions during the summer months necessitated frequent hose spraying of the grassed areas.

A small flower bed was set out in the spring and kept replenished with new flowers during the summer.

### **Leach Park**

Leach Park was maintained in its usual manner—grass kept cut and raked, reloaded and seeded where necessary, walks edged and surfaced with stone dust.

The blue spruce which was planted in 1938 to replace the one lost during the hurricane was straightened and guyed after having been tipped by the weight of Christmas decorations.

### **Dickie's Pond**

Good skating conditions were enjoyed during the early part of 1939, the hockey rink and skating area maintained and cleared of snow when necessary.

Hockey clubs and leagues continued active and the rink, illuminated for night games, was in constant use.

Due to the fact that this skating area was to be developed into cultivated farm land, the owner was compelled, after the 1938-1939 skating season had ended, to withdraw his generous offer of use of the area for skating purposes, as it was evident that the flooded area required too long a period of draining before crops could be sowed.

The Board wishes, herewith, to publicly express their gratitude to Mr. Logan Dickie for his generosity and public spiritedness in allowing the use of his land for the past several years.

### **Sturges' Public Ice Skating and Winter Sports Center**

As the need of a skating area in the Southern part of the town was evident, a new site adjacent to the one formerly used was desired.

Fortunately, Mr. Allan H. Sturges of Walnut Street had a suitable area on his estate and generously offered the use of this area to the town.

This area is situated on the Northerly side of Walnut and South Streets, has ample water-shed from adjacent hills and is fed by four brooks. The total area offered includes 11.742 acres, approximately 4 acres of which are flooded and used for skating. The remaining area contains several steep slopes suitable for coasting and amateur skiers.

After elevations were taken, a concrete and earth dam was designed and built adjacent to Walnut and South Streets, with an earth and clay wing-dike. The courses of two brooks were altered by cross-ditching and the area to be flooded cleared of brush, grass cut and burned.

and swamp hummocks removed. Welfare labor was used almost entirely for this work.

The hockey rink walls formerly used at Dickie's Pond were erected in this area at a suitable location and the flood light equipment removed from Dickie's and set up.

Even with the dry fall, it was soon evident that an adequate supply of surface water would be available and with the early winter rains the area intended for flooding quickly filled.

Continued sub-normal temperatures in November and December resulted in excellent skating conditions and the hockey rink and skating area have been in constant use.

The town is indeed indebted to Mr. Sturges for his generosity in allowing the usage of his property for this purpose.

### **Intersection Grass Plots**

The grass plots or traffic guides were maintained during the summer months—raked, fertilized, seeded and rolled and grass mowed and trimmed.

### **War Memorial**

When the War Memorial was erected, no provision was made for the care and maintenance of the memorial and grounds. This Department has done the work necessary in 1939 with Welfare labor. The Town should, however, take action in this matter to place the care and maintenance of this memorial in some particular department.

### **General Recommendations**

A considerable area of Birch Meadow Playground was filled the past year. A brook separates this area from the present playing field. It is urged that funds be provided in 1940 to pipe in the brook, thus uniting the two areas. Also that funds be provided to loam and seed the newly filled area so that a much larger playing area will be available.

Two tennis courts were resurfaced with bituminous concrete, during the past year. These courts and those resurfaced similarly in 1938 are by far the most popular courts in our system. It is hoped that

funds will be provided yearly until such time as all our courts have been similarly resurfaced.

The portable wooden bleachers on Washington Street Park are in very poor condition and should be replaced in 1940. In the event that they are not replaced, the major part of the present bleachers will have to be abandoned.

The turf on Washington Street Park has been treated several successive years, and is now in fair condition. The surface of this field receives heavy usage continuously from early spring until late fall. It must be treated each year or else it will rapidly deteriorate until only a bare dirt field will remain.

The softball diamond on Birch Meadow Playground was extremely popular during the summer season of 1939. As it was impossible to find time for all the organized teams to play their scheduled games and still allow time for unorganized softball games, the field has been equipped with flood lights. While the capacity of these lights is not comparative to standard flood-lighting, it does allow "scrub" games to be played until late in the evening.

The amount of damage done to park equipment during each year is reaching serious proportions. Most of this damage is deliberate vandalism. As an example, the so-called "Ocean Wave", erected on Birch Meadow Playground in 1937, has been deliberately wrecked several times until it is now beyond repair and will have to be abandoned. The persons responsible for this damage should be apprehended, if possible, and punished. We would appreciate the co-operation of the Townspeople in the matter. Report such actions to this office and help us reduce these acts of vandalism to a minimum. Unless this is done the funds available for the repair and purchase of playground equipment will not be sufficient to keep the playgrounds equipped and we will be forced to abandon other pieces of equipment and to stop the purchase of new equipment.

The number of persons using the playgrounds is growing year by year, and also the number of activities is growing. Every year brings requests for new activities, new equipment, extension of graded areas, and more supervision and instruction. Most of these requests are reasonable and meet with the favor of the Department. In most cases, the Department would gladly co-operate but is unable to do so because of the lack of funds necessary to do the work entailed. If the Town wishes to extend and enlarge its system of parks and playgrounds to meet the growing demand for expansion, it will be necessary to appropriate larger sums for the Park and Playground Account.

## SEWER DEPARTMENT

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To the Board of Public Works:  
Gentlemen:

The following is the yearly report of the Sewer Department:  
Construction and Maintenance Account

Appropriation .....	\$ 11,475.00
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Construction Expenditures:

Pay Roll .....	\$ 1,734.28
Supplies for Construction ..	2,744.53

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\$ 4,478.81

Maintenance Expenditures:

Pay Roll .....	\$ 2,991.27
Interest on Bonds .....	2,730.00
Insurance .....	557.08
Equipment Maintenance ..	383.38
Misc. Tools and Supplies ..	319.24

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\$ 6,980.97

Total Expended .....	\$ 11,459.78
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Balance Unexpended ..	\$ 15.22
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### House Connection Account

Appropriation .....	\$ 1,200.00
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Transfer from Reserve .....	514.00
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\$ 1,714.00

Expended:

Pay Roll .....	\$ 1,229.41
Pipes and Fittings .....	448.63

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Total Expended .....	\$ 1,678.04
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Balance Unexpended ..	\$ 35.96
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Main trunk sewer extensions in 1939 totaled 1,790.96 lineal feet,  
as shown in the following table:

### Main Trunk Sewer Extensions

	Size of Pipe		M.		Chim-		
	12" V.C.	12" C.I.	8" V.C.	H. Y's	T's	neys	Tot.
Chute St. ....			84.70	1			84.70
Harrison St. ....	100.00	354.50		1	7		454.50
Orange St. ....	275.71	120.50		3	7		396.21
*Pearl St. ....	855.55			3	11	5	855.55
Totals	1231.26	475.00	84.70	8	11	14	5 1790.96

Also the following underdrain:

Orange Street—396.21 feet of 6" V. C. Pipe.

Pearl Street—855.55 feet of 6" V. C. Pipe

\*This project, although not completed by January 1, 1940, is included in this report as though it had been.

The sewer extension on Harrison, Orange and Pearl Streets was made necessary by the erection of the new Pearl Street School and was accomplished through a W. P. A. project, supervised and assisted by Departmental employees. On Harrison and Orange Streets, because of a necessarily shallow cut and unstable sub-soil conditions, 12" cast iron pipe was laid. On Pearl Street, much ledge was encountered, which, coupled with the deep cut necessary for gravity flow of sewage, retarded progress of the extension. This project was started in June, 1939, and is expected to be completed early in February, 1940. As construction work is completed on either end of the project, and as the school will be in use January 3, 1940, provision has been made to by-pass sewage by means of a gasoline pump, pipe line and hose around the uncompleted sector. The trunk sewer was laid on a 0.5% grade on Harrison and Pearl Streets and a 3.84% grade on Orange Street.

Because of underground springs and excessive ground water, a 6" V. C. underdrain was laid under the trunk sewer on the entire length of the extension on Orange and Pearl Streets, outletting into Salem Street Brook. Specially constructed sewer manholes were installed on Pearl Street at the deeper cuts, two of which were 14.0 feet in depth. Chimneys were raised from the sewer in these cuts for future house connections. Twenty-two house connections will be possible on this extension, two of which have been made to date.

The Chute Street extension was made on the application of the builder of a new dwelling house and consisted of 84.70 feet of 8 " V. C. pipe and one sewer manhole. Two house connections are possible from this extension, one of which has been made.

Sewers laid on flat gradients in various streets have received their customary cleaning, to prevent possible stoppages. A trailer was built by department employees and the sewer cleaning equipment



mounted thereon, making the rig a mobile unit and aiding materially in its manipulation while in use. No trunk sewer stoppages were experienced during the year.

Several sewer manhole frames and covers were adjusted to grade and noisy covers either replaced or silenced with fitted composition gaskets.

Thirty new house sewer connections were made in 1939, having a total length of 1766.30 feet, at an average cost to the property owners of \$22.61 per connection. Five of these connections were installed as Betterments, which required no initial deposit and provides for an extended period of payment, details of which will be found elsewhere in this report. Fifteen of these new connections were made to newly erected buildings, the remaining fifteen to existing buildings on streets in which a common sewer was available. The buildings connected include twenty-six dwelling houses, one school, one restaurant, one office building, and one gasoline filling station.

Sewer maintenance work included clearing twenty-two stopped sewers, which for the most part were caused by tree-roots entering the sewer connections through cracked or defective joints; other stoppages were caused through the misuse of the sewer by occupants of buildings in the attempted disposal of insoluble objects such as rubbish, rags, bottles, etc. therein. Stoppages caused by defective workmanship are cleared at the expense of the Department; the stoppages by misuse are cleared at the expense of the property owners.

It was necessary to relay one sewer service due to remodeling of a business block; two sewer services were excavated and repaired; and two sewer cleanout manholes were built on existing services to facilitate cleaning of the services.

During October and November, every record owner of an estate abutting on a street containing a common sewer received written notice of the provisions of Chapter 280, Acts of 1937, General Laws, and the Rules and Regulations adopted by the Board of Public Works in relation thereto requiring owners of properties abutting streets in which a common sewer exists to connect therewith in a stated period. In general, this Statute requires that properties, abutting streets in which a common sewer is available or is constructed in the future, must be connected with said sewer within a period of 10 years after, either the acceptance of the Act by the Town, or the construction of the sewer at a later date.

As the law required a cash deposit covering the estimated cost of construction be made before a sewer house connection could be installed, and as this, in many instances, placed too great a financial burden on the owners of estates contemplating connection, the Board, under Article 26 at the Annual March, 1939 Town Meeting requested

and received authorization from the Town to petition the General Court to amend Chapter 314, Acts of 1909, (The Reading Sewage Act) so as to provide that the actual cost of construction of particular sewers (house sewer connections) with the common sewer should constitute a lien upon the real estate using the sewer, with power to apportion the cost of connection over a period not exceeding ten years.

The General Court was immediately so petitioned and on May 12, 1939 the following Act was approved:

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ACTS OF 1939

CHAPTER 195

AN ACT RELATIVE TO CHARGES FOR CONNECTING ESTATES  
WITH THE COMMON SEWERS IN THE TOWN OF READING

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SECTION 1. Chapter three hundred and fourteen of the acts of nineteen hundred and nine is hereby amended by striking out section nine, as most recently amended by chapter eighty-five of the acts of nineteen hundred and thirty-one, and section ten, and inserting in place thereof the following:—Section 9. Thirty per cent of the estimated cost of the whole system shall be assessed upon and paid by the owners of the abutting estates in the following manner:—The Board of Public Works, successor to the sewer commissioners by virtue of section two of chapter one hundred and eighteen of the acts of the year nineteen hundred and twenty-one, shall determine the value of the special benefit to each of said estates, respectively, from said system of sewers, taking into account all the circumstances of the case, and the proportionate part to be paid by the owners of said estates, respectively, shall be based upon the amount of the special benefit to each estate determined as aforesaid. In addition to the above assessment, every owner of an estate who enters his particular sewer into a common sewer shall pay the cost of connecting his estate with the common sewer, as determined by said board and certified by

it to the collector and to the owner of the estate. Such owner shall also pay, for the use of such common sewer, an annual charge to be fixed and determined from time to time by said board based upon the water service, and said board shall have power to abate such annual charge in whole or in part in its discretion. Such annual charges as may be fixed shall be collected semi-annually. The cost of connecting the estate with the common sewer, and such annual charges, shall each constitute a lien upon the real estate using the sewer, to be collected in the same manner as taxes upon real estate, or in an action of contract in the name of the town of Reading.

Section 10. If the owner of an estate, within thirty days after notice of the cost of connecting the same with the common sewer, or of a sewer assessment on such estate, gives the Board of Public Works written notice to apportion either such cost or assessment, or both, the board shall apportion the same into such number of equal parts, not exceeding ten, as the owner shall in said notice request. The first year the assessors shall add one of said parts to the annual tax on the real estate, with interest on the principal sum from the date of apportionment; and thereafter, so long as any one of the said parts remains unpaid, they shall add each year to the annual tax one of said parts, together with interest on the unpaid balance of the principal sum from the due date of the last preceding annual tax.

SECTION 2. This act shall take full effect upon its acceptance by vote of the inhabitants of the town of Reading at a town meeting held within two years after its passage.

Approved May 12, 1939.

At a Special Town Meeting held October 17, 1939, under Article 5, the Town voted to accept the provisions of Chapter 195, which then took full effect. Five out of ten sewer house connections installed after the Act was accepted by the Town in October were made as Betterments. Property owners connecting their properties with the common sewer, under the provisions of Chapter 195, are not now required to make an initial deposit for the connection, but, after completion

of the connection, are billed for the actual cost of the job, and may, within thirty days from the date of receiving the bill, have the bill apportioned over a period of years not exceeding ten, providing no one yearly payment be less than five dollars. Interest is charged on the unpaid balance each year, and yearly payments are added to the real estate tax bill annually. With the law requiring connection in a definite period of years (Chapter 280, Acts of 1937) in effect, the law permitting apportionment of sewer connections will relieve the property owners affected of the necessity of making an initial deposit, which in many instances proved a financial burden.

It is hoped that many property owners will avail themselves of the opportunity to connect with the common sewer. If all the possible sewer connections available were made, it would be possible to reduce the cost of sewer rental charges considerably as the added number of connections would not materially increase the cost of maintaining the sewer system.

If the proposed drainage system in the Lake Quannapowitt area is accepted and constructed, the cost of maintaining the Sewer Pumping Station will be reduced as the ground water, which now stands in this area, seeps into the sewers and has to be pumped into the discharge pipes. The removal of this ground water by proper drainage will reduce the amount of pumping necessary and consequently reduce the cost of pumping at the pumping station.

The following tables illustrate the status of the Reading Sewerage System as of January 1, 1940, showing the list of streets containing common sewers, the number of connections, possible connections, and revenue charges for 1939, and the lengths of services, trunk sewers and under-drains.

# READING SEWERAGE SYSTEM

1921 — 1939

Tables Showing

Streets Containing Sewers

Length of Sewer Connections

Main Sewers in Streets

Underdrains in Streets

# STREETS

Streets	Possible Con- nections	Completed Con- nections	Per Cent Con- nected	No Con- struction Started	Connected to Street Line	Partially installed to House	Revenue Charged 1939
Arlington.....	12	3	25	5	3	1	\$ 17.42
Ash.....	17	9	53	7	..	1	104.00
Bancroft.....	22	13	59	9	..	..	117.57
Berkeley.....	27	18	66	9	..	..	164.22
Brook.....	9	3	33	6	..	..	10.35
Center.....	10	8	80	..	2	..	60.63
Chute.....	2	1	50	1	..	..	43.18
Copeland.....	8	8	100	..	..	..	159.06
Dudley.....	10	6	60	4	..	..	63.19
Eaton.....	12	5	42	7	..	..	25.31
Elliott.....	8	4	50	4	..	..	55.61
Fremont.....	4	4	100	..	..	..	52.90
Fulton.....	1	1	100	..	..	..	18.80
Gardner.....	7	5	71	2	..	..	46.92
Gould.....	3	3	100	..	..	..	31.39
Green.....	53	40	75	7	1	5	542.31
Hamden.....	9	8	89	..	1	..	111.05
Harrison.....	3	1	33	2	..	..	..
Haven.....	45	30	67	7	6	2	622.27
High.....	16	7	44	7	2	..	81.64
Hillcrest.....	10	9	90	1	..	..	110.94
Howard.....	18	16	89	1	1	..	184.35
Ide.....	2	1	50	1	..	..	18.40
John.....	18	14	77	4	..	..	410.17
King.....	6	6	100	..	..	..	103.30
Kingston.....	15	14	93	1	..	..	122.03
Lincoln.....	7	5	71	..	2	..	67.73
Linden.....	11	7	69	3	..	1	143.99
Lowell.....	4	3	75	1	..	..	38.89
Main.....	54	44	82	..	8	2	1,150.54
Maple.....	2	1	50	..	1	..	8.74
Middle.....	3	2	66	1	..	..	11.73
Middlesex.....	24	15	63	6	1	2	202.29
Minot.....	12	8	67	..	2	2	88.53
Mt. Vernon.....	23	14	61	9	..	..	143.81
Orange.....	3	..	..	3	..	..	..
Parker.....	7	6	86	1	..	..	74.99
Park.....	7	6	86	..	..	1	46.27
Pearl.....	16	1	06	15	..	..	..
Perkins.....	7	7	100	..	..	..	125.07
Pine.....	1	1	100	..	..	..	6.00
Pleasant.....	37	18	49	17	2	..	243.77
Pratt.....	4	3	75	1	..	..	38.40
Prescott.....	52	45	86	1	5	1	443.62
Salem.....	22	14	64	1	7	..	235.24
Sanborn.....	15	10	66	3	..	2	255.16
School.....	10	7	70	3	..	..	56.37
Prospect.....	18	9	50	8	1	..	112.45
Scotland.....	1	1	100	..	..	..	6.00
Smith.....	15	15	100	..	..	..	145.11
Summer.....	18	8	44	9	..	1	84.83
Sweetser.....	5	1	20	..	3	1	10.35
Temple.....	33	12	36	..	15	6	225.68
Union.....	5	3	60	1	..	1	35.80
Village.....	22	14	64	7	..	1	183.00
Warren.....	17	14	82	..	2	1	160.64
Washington.....	35	24	69	9	2	..	227.10
Wenda.....	4	4	100	..	..	..	39.08
Wilson.....	11	9	82	2	..	..	81.77
Woburn.....	85	51	60	6	24	4	692.48
Totals.....	937	619	66	192	91	35	\$8,662.44



# LENGTH OF SEWER CONNECTIONS RUN TO EITHER CURB, HOUSES, OR CONNECTED

Streets	Curb	Houses	Connected	Total Length
Arlington.....	66.50	46.00	175.00	287.50
Ash.....			401.10	401.10
Bancroft.....			619.40	619.40
Berkeley.....			1,018.70	1,018.70
Brook.....			131.10	131.10
Center.....	35.00		344.00	379.00
Chute.....			66.50	66.50
Copeland.....			506.00	506.00
Dudley.....			382.00	382.00
Eaton.....			307.40	307.40
Elliott.....			217.00	217.00
Fremont.....			209.00	209.00
Fulton.....			44.00	44.00
Gardner.....			225.50	225.50
Gould.....			236.50	236.50
Green.....	36.00	173.00	1,742.91	1,951.91
Harnden.....	32.00		257.80	289.80
Harrison.....			45.00	45.00
Haven.....	186.00	79.00	1,304.80	1,569.80
High.....	22.00		252.80	274.80
Hillcrest.....			570.00	570.00
Howard.....	25.00		967.00	992.00
Ide.....			56.50	56.50
John.....		37.00	544.10	581.10
King.....			369.10	369.10
Kingston.....			587.00	587.00
Lincoln.....	70.00		253.00	323.00
Linden.....		41.00	339.70	380.70
Lowell.....			232.50	232.50
Main.....	338.50	99.00	2,234.75	2,672.25
Maple.....	18.00		40.00	58.00
Middle.....			80.50	80.50
Middlesex.....	26.00	138.00	1,031.20	1,195.20
Minot.....	42.00	77.00	331.00	450.00
Mt. Vernon.....			698.70	698.70
Park.....		37.00	208.00	245.00
Parker.....			267.50	267.50
Pearl.....			318.20	318.20
Perkins.....			434.80	434.80
Pine.....			46.00	46.00
Pleasant.....	28.00		935.30	963.30
Pratt.....			242.00	242.00
Prescott.....	116.00	191.00	2,934.70	3,241.70
Prospect.....			786.80	786.80
Salem.....	203.29		888.31	1,091.60
Sanborn.....		98.00	659.40	757.40
School.....			365.40	365.40
Scotland.....			60.00	60.00
Summer.....		94.00	576.20	670.20
Smith.....			602.30	602.30
Sweetser.....	64.00	45.00	43.00	152.00
Temple.....	285.00	173.00	800.80	1,258.80
Union.....		66.00	177.00	243.00
Village.....		34.00	658.50	692.50
Warren.....	36.00	68.00	565.00	669.00
Washington.....	50.00	48.00	1,178.80	1,276.80
Wenda.....			202.50	202.50
Wilson.....		43.00	380.90	423.90
Woburn.....	389.80	222.50	3,107.10	3,719.40
Totals.....	2,069.09	1,809.50	33,260.07	37,138.66

# LENGTH OF MAIN SEWERS IN STREETS

Streets	6"	8"	10"	12"	15"	18"	20"	24"	Totals
Arlington....		399.80							399.80
Ash.....		822.90			258.80				1,081.70
Bancroft....		1,051.52							1,051.52
Berkeley....		1,256.10							1,256.10
Brook.....								847.60	847.60
Center.....		620.60							620.60
Chute.....		120.00							120.00
Copeland....		500.00							500.00
Dudley.....		374.50							374.50
Eaton.....				500.00	907.70				1,407.70
Elliott.....		396.00							396.00
Fremont....		456.50							456.50
Gardner....		475.00							475.00
Green.....	175.20	1,717.40			821.60				2,714.20
Harnden....		559.30							559.30
Harrison....				454.50					454.50
Haven.....		1,752.80							1,752.80
High.....			1,338.05	736.10					2,074.15
Hillcrest..		770.80							770.80
Howard.....	300.00	1,110.00							1,410.00
Interceptors		205.00						2,732.00	2,937.00
John.....		266.00			569.60			178.50	1,014.10
King.....	340.00	175.00							515.00
Kingston....		719.30							719.30
Lincoln....			573.40	538.10					1,111.50
Linden....	125.00	735.30							860.30
Lowell.....		813.10							813.10
Main.....		1,246.10		955.50			234.90		2,436.50
Middle.....		313.60							313.60
Middlesex..		1,423.40							1,423.40
Minot.....		1,409.65							1,409.65
Mt. Vernon..		828.52	160.00						988.52
Orange.....				396.21					396.21
Park.....		507.30	322.70						830.00
Parker.....		427.00							427.00
Pearl.....				855.55					855.55
Perkins....		400.00							400.00
Maple.....		189.20							189.20
Pine.....		226.00							226.00
Pleasant....		1,496.80		843.96					2,340.76
Pratt.....		555.50							555.50
Prescott....		2,265.30		1,174.10					3,439.40
Prospect....		1,260.00							1,260.00
Salem.....		1,004.90		132.50					1,137.40
Sanborn....		716.30							716.30
School.....		688.25							688.25
Smith.....			475.00						475.00
Summer....		1,229.40							1,229.40
Sweetser....		334.30							334.30
Temple.....	896.76		432.89	661.39					1,991.04
Union.....		303.60							303.60
Village.....		1,015.60				487.80			1,503.40
Warren.....		715.00							715.00
Washington..		424.90		246.80	312.90		1,574.30		2,558.90
Wenda.....	300.00								300.00
Wilson.....			471.40	333.10					804.50
Woburn.....	732.80	2,944.70		917.40					4,594.90
Totals . . .	2,869.76	37,222.24	3,773.44	8,745.21	2,870.60	487.80	1,809.20	3,758.10	61,536.35

# LENGTH OF UNDERDRAINS IN STREETS

Streets	5"	6"	8"	10"	Total Length	Total Length Sewers and Underdrains
Arlington.....						399.80
Ash.....	237.00			258.80	495.80	1,577.50
Bancroft.....						1,051.52
Berkeley.....		456.00			456.00	1,712.10
Brook.....		847.60			847.60	1,695.20
Center.....	620.60				620.60	1,241.20
Chute.....						120.00
Copeland.....						500.00
Dudley.....						374.50
Eaton.....		880.00	527.70		1,407.70	2,815.40
Elliott.....						396.00
Fremont.....		456.50			456.50	913.00
Gardner.....						475.00
Green.....	836.90	974.10			1,811.00	4,525.20
Harnden.....						559.30
Harrison.....						454.50
Haven.....		588.20			588.20	2,341.00
High.....		487.70	736.10		1,223.80	3,297.95
Hillcrest.....		450.40			450.40	1,221.20
Howard.....		1,410.00			1,410.00	2,820.00
Interceptors.....		2,937.00			2,937.00	5,874.00
John.....		748.10			748.10	1,762.20
King.....		175.00			175.00	690.00
Kingston.....	609.30	110.00			719.30	1,438.60
Lincoln.....			1,111.50		1,111.50	2,223.00
Linden.....	290.40	444.90			735.30	1,595.60
Lowell.....						813.10
Main.....		1,246.10	955.50	234.90	2,436.50	4,873.00
Maple.....	189.20				189.20	378.40
Middle.....						313.60
Middlesex.....	254.00				254.00	1,677.40
Minot.....	972.65	437.00			1,409.65	2,819.30
Mt. Vernon.....		230.30			230.30	1,218.82
Orange.....		396.21			396.21	792.42
Park.....	507.30		322.70		830.00	1,660.00
Parker.....						427.00
Pearl.....		855.55			855.55	1,711.10
Perkins.....						400.00
Pine.....	226.00				226.00	452.00
Pleasant.....		374.00	469.80		843.80	3,184.56
Pratt.....	252.20	303.30			555.50	1,111.00
Prescott.....	1,070.60	2,091.80			3,162.40	6,601.80
Prospect.....	886.00				886.00	2,146.00
Salem.....	543.00		132.50		675.50	1,812.90
Sanborn.....	200.00				200.00	916.30
School.....						688.25
Smith.....						475.00
Summer.....						1,229.40
Sweetser.....	175.00				175.00	509.30
Temple.....		40.00			40.00	2,031.04
Union.....						303.60
Village.....		825.00			825.00	2,328.40
Warren.....	715.00				715.00	1,430.00
Washington.....		724.00	246.80	1,163.20	2,134.00	4,692.90
Wenda.....						300.00
Wilson.....			804.50		804.50	1,609.00
Woburn.....	1,196.00		917.40		2,113.40	6,708.30
Total Lengths..	9,781.15	18,488.76	6,224.50	1,656.90	36,151.31	97,687.66

## REPORT OF THE EXECUTIVE OFFICE OF THE BOARD OF PUBLIC WORKS

To the Board of Public Works:

Gentlemen:

The following is the yearly report of the executive office:

Appropriation .....	\$ 6,335.00
Insurance Refund .....	22.50
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	\$ 6,357.50
Expended:	
Salaries .....	\$ 5,645.80
Supplies and Misc .....	696.75
Total Expended .....	<hr/>
	\$ 6,342.55
	<hr/>
Balance Unexpended .....	\$ 14.95

The following table shows the expenditures made this past year in the major departments, the payroll of each, and the entire expenditures of the Department of Public Works.

Note: Highway includes all other departmental accounts not specifically mentioned below, such as Chapter 90, Betterments, Drainage, Snow and Ice, etc.

	B.	P.	W.	Water	Highway	Sewer	Park	Totals
Pay Roll	\$5,645.80	\$16,131.53	\$53,983.20	\$5,954.96	\$1,780.37	\$83,495.86		
Bills	696.75	32,295.33	58,093.16	7,182.86	2,888.80	101,156.90		
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>		
Totals	\$6,342.55	\$48,426.86	\$112,076.36	\$13,137.82	\$4,669.17	\$184,652.76		

In closing this report, the Superintendent wishes to express his appreciation to the members of the Board for their many helpful suggestions and kindnesses extended to him during the year, and to assure all those in any way associated with him in carrying on the work of the Department of his gratitude for their interest and co-operation, and to acknowledge the assistance, co-operation and helpful suggestions which he has received from the other department heads of the town.

PHILIP WELCH, Superintendent.

FORTY-FIFTH ANNUAL REPORT

of the

ELECTRIC LIGHT  
COMMISSIONERS

For the Year Ended

December 31, 1939

## OFFICERS OF ELECTRIC LIGHT AND POWER DEPARTMENT

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### Commissioners

HENRY R. JOHNSON, Chairman ..... Term expires 1941  
LOUIS ELLENWOOD, Secretary ..... Term expires 1940  
HERBERT G. EVANS ..... Term expires 1942

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### Manager

ARTHUR G. SIAS

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### Office

25 Haven St., Reading, Mass.

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## MANAGER'S REPORT

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To the Municipal Light Board:  
Gentlemen:

I submit herewith my report of the operation of the Municipal Light Plant for the year ending December 31, 1939.

The station output in kilowatt hours showed an increase of 11.34 per cent over the previous year.

The kilowatt hours sold increased from 8,400,252 to 9,409,182, a gain of 11.2 per cent.

The kilowatt hours lost in distribution dropped from 10.2 per cent in 1938 to 9.66 per cent in 1939.

The maximum load on the system during the year was 3375 K. W. and occurred on December 28th. This is an increase of 275 K. W. over the 1938 maximum.

The average cost of the current purchased was 1.1508 cents per kilowatt hour which was about 2.7 per cent lower than the previous year.

The increased use of electric service in residences during the year has resulted in the sale of 365,415 more kilowatt hours than in 1938, and brings the average annual consumption per residence meter up to 972 kilowatt hours, an increase of 41 over last year.

The net increase in the number of residence meters was 162, which would account for approximately 154,000 kilowatt hours increase and the balance of the increase can be attributed to the increased use of electrical appliances in the home.

Sales of current for commercial use show an increase of 7.86 per cent and for power 40.55 per cent. The large increase in the sale of power was due to the decision of the Sanford Mills to shut down their generating equipment and purchase all of their power requirements.



The operating revenue for the year was \$334,286.84, an increase of \$18,816.44, the principal increases being, \$13,115.65 from residence service and \$4,302.98 from power sales.

The operating expenses show an increase of \$10,313.23. The purchase of electric energy, which is a large proportion of the operating costs, shows an increase of \$10,928.64 and is due to the increase in the number of kilowatt hours purchased. The remaining operating accounts show a slight decrease.

The net income balance transferred to the Profit and Loss account was \$46,661.79 and the net increase in the Profit and Loss surplus was \$4,577.88 after bond and note payments of \$15,500.00, payment to the Treasurer of \$24,000.00 and miscellaneous adjustments of \$2,583.91.

The amount charged off the various plant accounts during the year for depreciation was \$33,318.50, representing 3 per cent of the cost of the plant.

Current Assets at the close of the year were \$112,039.41 and Current Liabilities \$44,568.88.

The cost of additions to the plant during the year amounted to \$70,199.11, of which the sum of \$40,948.56 was expended for the purchase and improvement of the Haven Street property and the erection of the new Office Building. \$25,418.52 was expended for additions to the Distribution System, \$2,218.44 for the Street Lighting System and \$1,613.59 for additional equipment at the Power Station.

The financing of the purchase and improvement of the Haven Street property was by a loan of \$36,000.00 and the transfer of \$5,000.00 from the regular Construction Fund of the plant. The remaining additions were financed from the earnings of the plant.

A loan of \$15,000.00 was authorized for the purchase of materials and tools to extend the underground duct system using W. P. A. labor. The materials and tools were purchased and the work started late in the year. The expense is shown in Unfinished Construction and will be transferred to the proper plant accounts upon completion of the project.

The amount of the allotment granted by the Federal Government for W. P. A. labor on this project was \$27,351.00.

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## POWER STATION

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The two high tension transformers at the south side of the building have been thoroughly cleaned and re-painted. The water cooling coils in these transformers have been connected with a motor-driven pump in the basement of the Power Station, thereby increasing the loading capacity of the transformers from 2500 to 3750 K. W. each.

An additional oil switch and the necessary wiring and control apparatus has been installed on the switch gallery which provides us with additional feeder circuit capacity. \$1,613.59 was expended for these improvements from the Depreciation Fund.

It was necessary to renew the hot well in the basement in order to keep the generating plant in operating condition. The expense was \$243.00 which was paid from the Operation Fund.

Our Power Station Superintendent, Mr. Kirk P. Sanborn, passed away on August 8th. Mr. Sanborn was the oldest employee of the Department, in point of service, he having entered our employ as Assistant Engineer on November 1, 1905. He was a faithful and competent employee and his passing is deeply regretted.

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### DISTRIBUTION LINES

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Underground cables have been installed in the ducts on Washington and High Streets, the necessary transformers and switches installed in the manholes and service connections made. Overhead wires have been removed, also several of the poles. The remaining poles will be taken down as soon as the Telephone wires have been removed.

Underground ducts have been placed across Lowell Street at Hartshorn Street and also at Grove Street and Willow Street, and one manhole constructed at Willow Street. This work was made necessary on account of the re-building of Lowell Street.

Materials and tools were purchased for the installation of underground ducts and manholes on Sanborn, Woburn, Linden, High and Lowell Streets in connection with a W. P. A. Project. Work on this project was started the latter part of November and is now in progress.

Trees have been trimmed and wires passing through trees have been re-insulated over the entire distribution system in the Towns of North Reading and Wilmington, as well as on all State Highways.

We have set 76 additional poles during the year and 385 poles have been renewed.

193 new service connections have been made.

34 transformers have been installed and 31 removed during the year. There were 509 transformers in use on the distribution system at the end of the year.

We have added 840 feet of primary wire, 91,607 feet of secondary wire and 6,508 feet of street lighting wire during the year. Our distribution system now covers 187.95 miles of street on which are erected 8,609 poles carrying 1,210.18 miles of wire.

It is estimated that about 500 poles will need renewing during the coming year.

## STREET LIGHTING

---

A total of 25 additional public street lights have been installed in Reading as follows: Summer Avenue 1, Bay State Road 1, Grand Street 2, High Street 1, Lawrence Road 5, West Street 8, Belmont Street 1, Longview Road 1, Lee Street 1, Locust Street 1, and Middlesex Avenue 3. Also 1 private street light on Cape Cod Avenue.

The lighting has been improved by the substitution of 250 candle power lamps in place of 60 candle power on the following streets: Bay State Road, Hopkins Street, Haverhill Street, High Street, West Street and Middlesex Avenue.

In Lynnfield one additional private light has been installed on Perry Avenue.

In North Reading 4 additional lights have been installed on Linwood Road and 1 on Gordon Road.

In Wilmington 1 additional light has been installed on Adelaide Road, and 1 on Brentwood Avenue.

The total number of public and private street lights now in service is 2035. There are 971 in Reading, 358 in North Reading, 530 in Wilmington and 176 in Lynnfield Center.

There were 458,354 kilowatt hours sent out on the Reading street light circuits during the year at an average cost of 3.23 cents per kilowatt hour, making a total cost of \$14,804.83.

The amount appropriated for street lighting was \$14,000.00.

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## METER DEPARTMENT

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We have purchased 206 new meters during the year and have repaired 220 old ones.

There were 6290 meters installed at the end of the year, of which 2598 are in outdoor cabinets. 498 meters have been installed in outdoor cabinets during the year.

The following is a summary of the test work:

Number of request tests .....	196
Number of inquiry tests .....	347
Number of periodic tests .....	260
Number of laboratory tests .....	891
<hr/>	
Total .....	1694

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## LAMP AND APPLIANCE DEPARTMENT

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The sales of lamps and appliances during the year amounted to \$34,212.70, which was an increase of \$3,704.35 over the previous year.

114 ranges, 74 refrigerators and 8 water heaters were among the major appliances sold.

964 current consuming appliances were sold, estimated to consume 219,508 kilowatt hours per year and bring in an annual revenue of \$8,780.32.

The amount appropriated for this Department from the income of the plant, was \$12,000.00 and the net expense, including the cost of free installations was \$7,203.63.

The income and expense schedule pertaining to merchandise, jobbing and repairs is shown below.

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**STATEMENT OF MERCHANDISE REVENUE AND EXPENSE**  
**For the Year Ending December 31, 1939**

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SALES OF APPLIANCES a/c 560 .....	\$ 36,913.40
Deduct—RETURNS and ALLOWANCES .....	2,700.70
NET SALES .....	34,212.70
COST OF APPLIANCES SOLD .....	25,264.24
GROSS PROFIT .....	8,948.46
Deduct—EXPENSES	
Rent .....	969.85
Heat .....	134.06
Payroll .....	7,690.63
Commissions .....	2,210.63
Time Payment Discounts .....	634.82
Express and Trucking .....	.75
Store Expense .....	345.28
Sales Expense .....	209.26
Automobile Expense .....	177.20
Advertising—Mdse. ....	884.16
Demonstrations and Exhibits .....	1.98*
Cost of Installations .....	2,161.77
Inventory Adjustments .....	91.95
Uncollectible Accts. ....	574.99
Miscellaneous .....	.....
New Business Expenses .....	.....
TOTAL EXPENSE .....	16,083.37
SALE OF APPLIANCES—NET EXPENSE .....	7,134.91*
JOBGING SERVICE—NET EXPENSE .....	21.68*
RENTAL MDSE.—NET EXPENSE .....	47.04*
TOTAL MERCHANDISE EXPENSE .....	\$ 7,203.63*
Estimated Annual KWH Used by Appliances Sold 219,508	
Estimated Annual Revenue @ 4c per KWH	\$ 8,780.32

## CHRISTMAS LIGHTING

---

Decorative lighting for holiday illumination was installed on Main and Haven Streets in co-operation with the Reading merchants.

In addition the usual decorative lighting was installed on the trees at Reading Common, Washington Street Park, Ernest Leach Park, County Road and West Street and Wenda Street. A total of 3162 lamps were installed.

The expense of same, a part of which is to be paid by the merchants, is as follows:

Labor and Insurance .....	\$ 564.30
Truck .....	83.70
Lamps .....	23.14
Current—8859 K. W. H. @ 1.35c .....	119.60
<hr/>	
Total .....	\$ 790.74

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## GARAGE

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The automobile expense for the year, including insurance and depreciation, is shown in the following schedule:

Gasoline .....	\$ 1,262.68
Oil .....	57.91
Tires and Repairs .....	1,367.15
Labor .....	1,733.82
Insurance .....	794.90
Depreciation .....	1,234.87
<hr/>	
Total .....	\$ 6,451.33

The total mileage for the year was 133,172 and the average cost per mile 4.8 cents.

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## OUR NEW OFFICES AND SHOWROOMS

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At the Special Town Meeting, held on June 20, 1939, the Municipal Light Board was authorized to purchase Black's Block property on Haven Street, to demolish the existing buildings, in whole or in part, and to erect a new building to be used by the Department for its offices and showrooms.

An appropriation of \$36,000.00 was voted for the purpose and the Board immediately entered into negotiations for the purchase of the property. On July 5th the papers were passed in the office of Mr. Samuel H. Davis, Town Counsel, conveying the property to the Town.

Mr. Fred W. Nelson, of Reading, was engaged by the Board to take charge of the demolition work on that part of the old building which was removed. The two dwelling houses on the property were removed without expense to the Department.

Mr. George H. Sidebottom was engaged as architect on the new building and he prepared the plans and specifications and sent out the invitation for bids. Twelve bids were received, and the contract was awarded to the Concrete Construction Company of Chelsea who submitted the lowest bid. The heating contract was awarded to Bridges-Wilson Company of Boston and the electric wiring contract to Warren H. Bennett of Medford. The Neon Electric Sign for the front of the building was purchased from the Art Kraft Sign Co. through Mr. Homer F. Richards of Reading. Fred W. Nelson of Reading was awarded the contract for grading.

Construction work on the building was started on July 24th and completed September 30th.

The area of the land purchased was 25,573 square feet, of which 2,170 square feet was utilized for the widening of Haven Street by the Board of Public Works, and approximately 4,500 square feet allocated to the remaining portion of the old building fronting on High Street. The area occupied by the new building is approximately 6,800 square feet, leaving about 12,100 square feet for driveway, walk and parking space.

The new building is of brick and cinder block construction with a frontage on Haven Street of 60 feet, and extending to Green Street with an average depth of 114 feet.

The show room extends across the entire front of the building with a depth of 19 feet. On the easterly side are the offices of the Board and Manager, Sales Department, Demonstration Kitchen, Store Room and Receiving and Shipping Room. On the westerly side is the Business Office, Machine Room, Rest Room and Storage Vault. At the Green Street end of the building is the Appliance Service Department, Meter Department and Heater Room.

The construction of the building is such that a second floor may be added if required at some future time, and there is sufficient land for an increase in ground floor area if desired.

The present building should be suitable for the needs of the Department for many years.

A value of \$32,948.56 has been placed on the property, of which \$7,459.46 represents the value of the land and \$25,489.10 the value of the building.

The two-story portion of the old building fronting on High Street has undergone extensive repairs. The stairway to the second floor has been moved from the Haven Street side to the High Street side. A



heater room was built in the rear portion of the building and a new heating system has been installed. The plumbing system has been completely re-built and new lavatories and toilets installed on both floors. New electric wiring and fixtures have been installed. New windows were put in, new gravel roof put on, the outside stuccoed on the lower section and shingled on the upper section and the entire building painted inside and outside. The amount expended on the repairs was \$3,602.71.

A transfer of \$5,000.00 from the Construction Fund of the Plant to the New Building account was authorized at the Special Town Meeting held October 17th, to provide funds for this work and sundry expenses in connection with the new building.

A value of \$8,000.00 has been placed on the property of which \$1,601.10 is on the land and \$6,398.90 on the building. The present income from rents is \$125.00 per month.

---

COST OF NEW BUILDING  
and  
RENOVATION OF OLD BUILDING

---

New Building—25 Haven Street:

Land, 18903 sq. ft. @ 39.46c ..	\$ 7,459.46	
Architect .....	1,300.00	
Building Contract .....	\$ 18,835.26	
Electric Wiring and Fixtures ..	2,269.70	
Heating Equipment .....	1,881.00	
Electrical Sign .....	750.00	
Miscellaneous .....	453.14	24,189.10
Total—25 Haven St. ....		\$ 32,948.56

Building—31-33 High Street:

Land, 4500 sq. ft. @ 35.58c ....	\$ 1,601.10	
Building .....	2,796.19	
Renovation Expense .....	3,602.71	
Total—31-33 High Street ..		\$ 8,000.00

Total Expenditures .....		\$ 40,948.56
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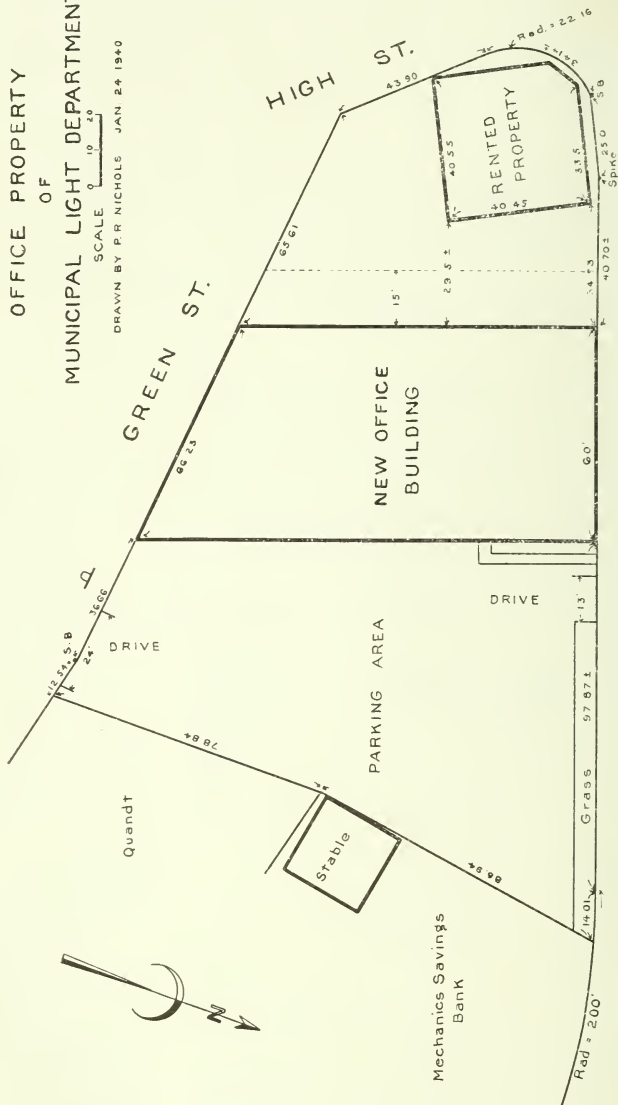
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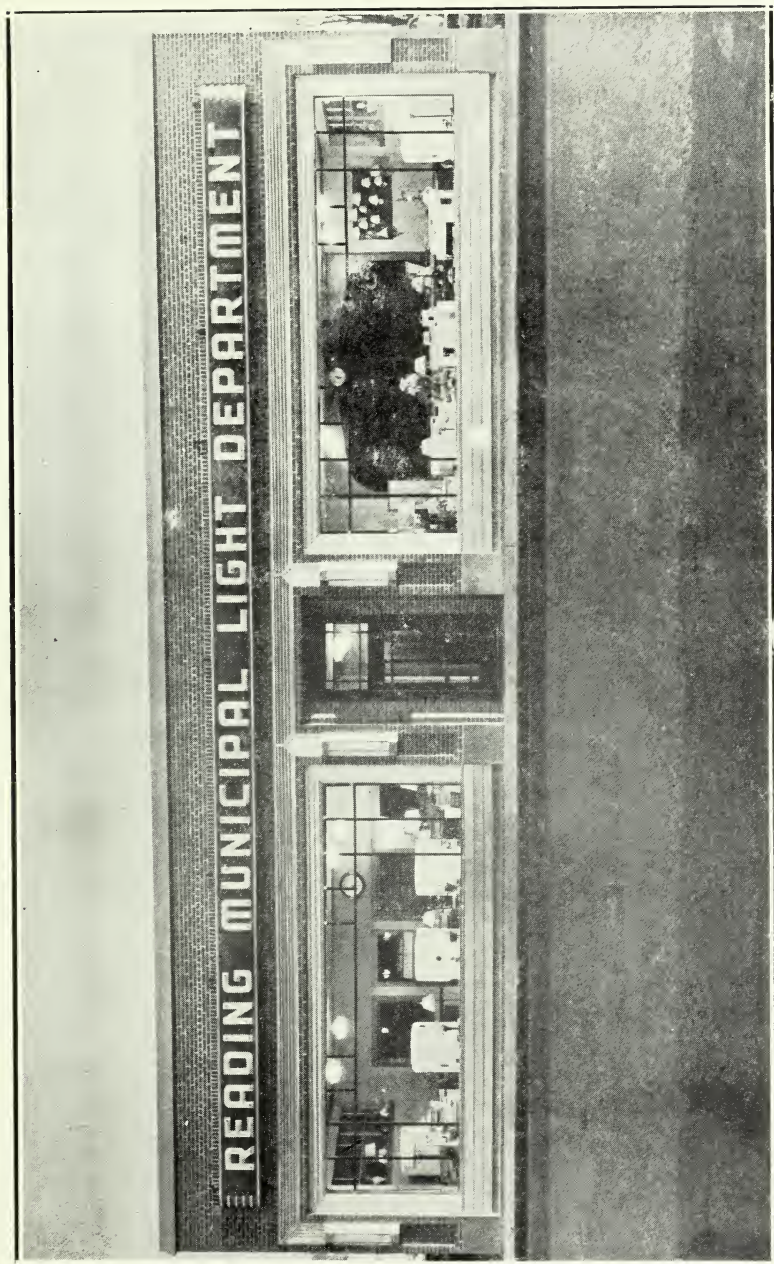
New Building Appro. ....	\$ 41,000.00	
Total Expenditures .....	\$ 40,948.56	
Unpaid Bills .....	2.65	40,945.91
Cash Balance Dec. 31, 1939		54.09

OFFICE PROPERTY  
OF  
MUNICIPAL LIGHT DEPARTMENT

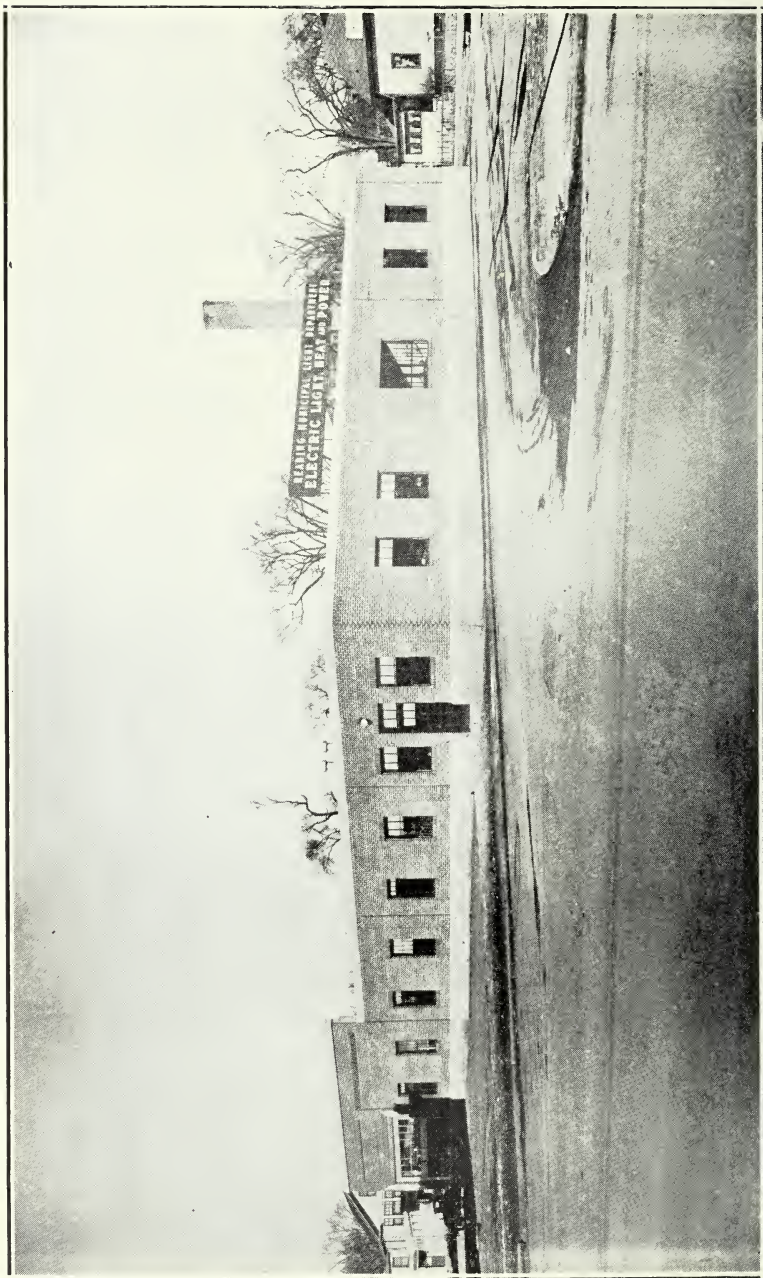
SCALE 0 10 20

DRAWN BY P. R. NICHOLS JAN 24 1940



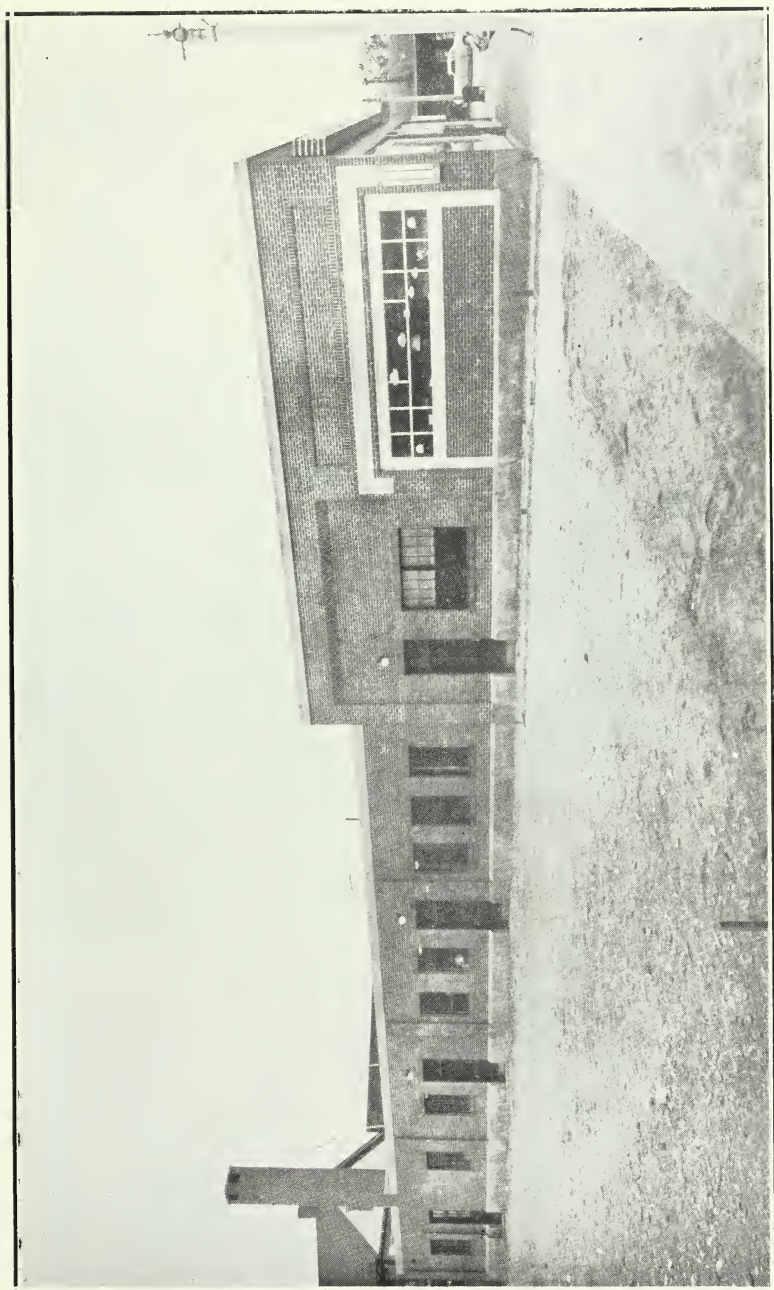


Front view of new Office Building of the Municipal Light Department

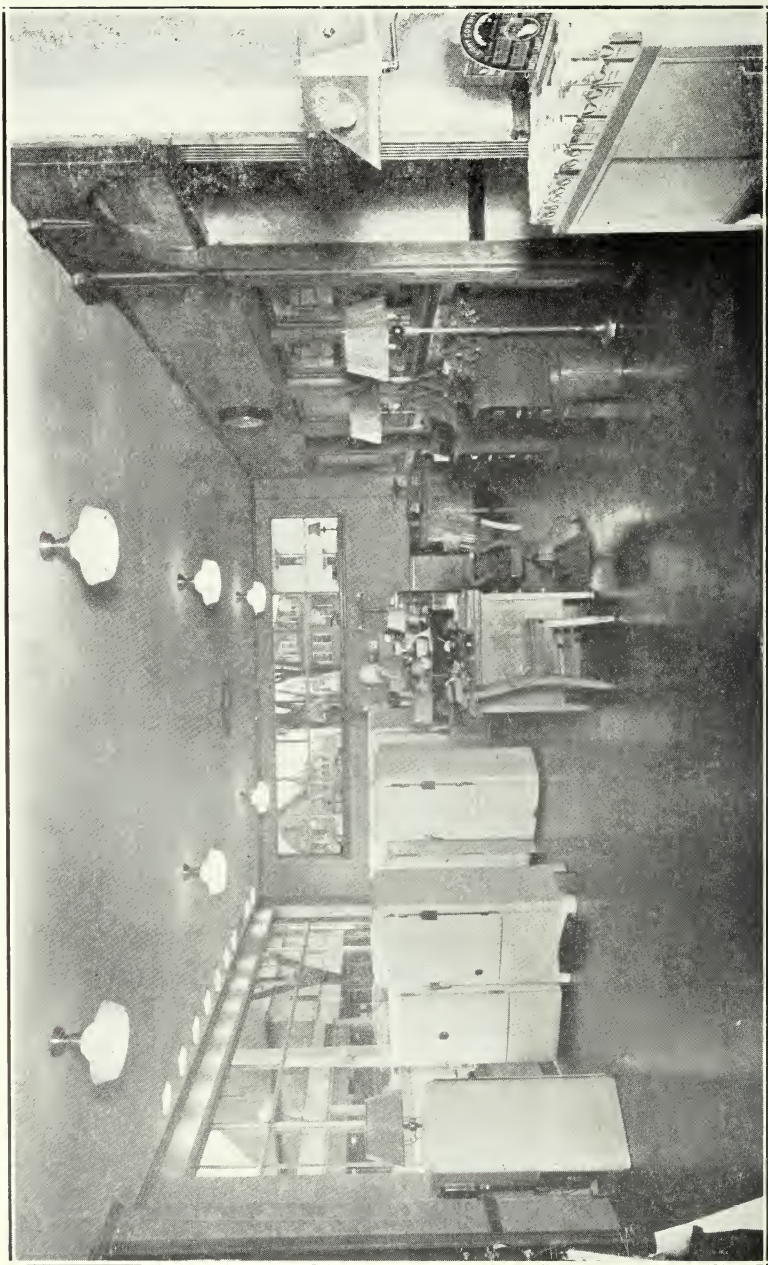


View showing West side and Green Street end of new Office Building of the Municipal Light Department.



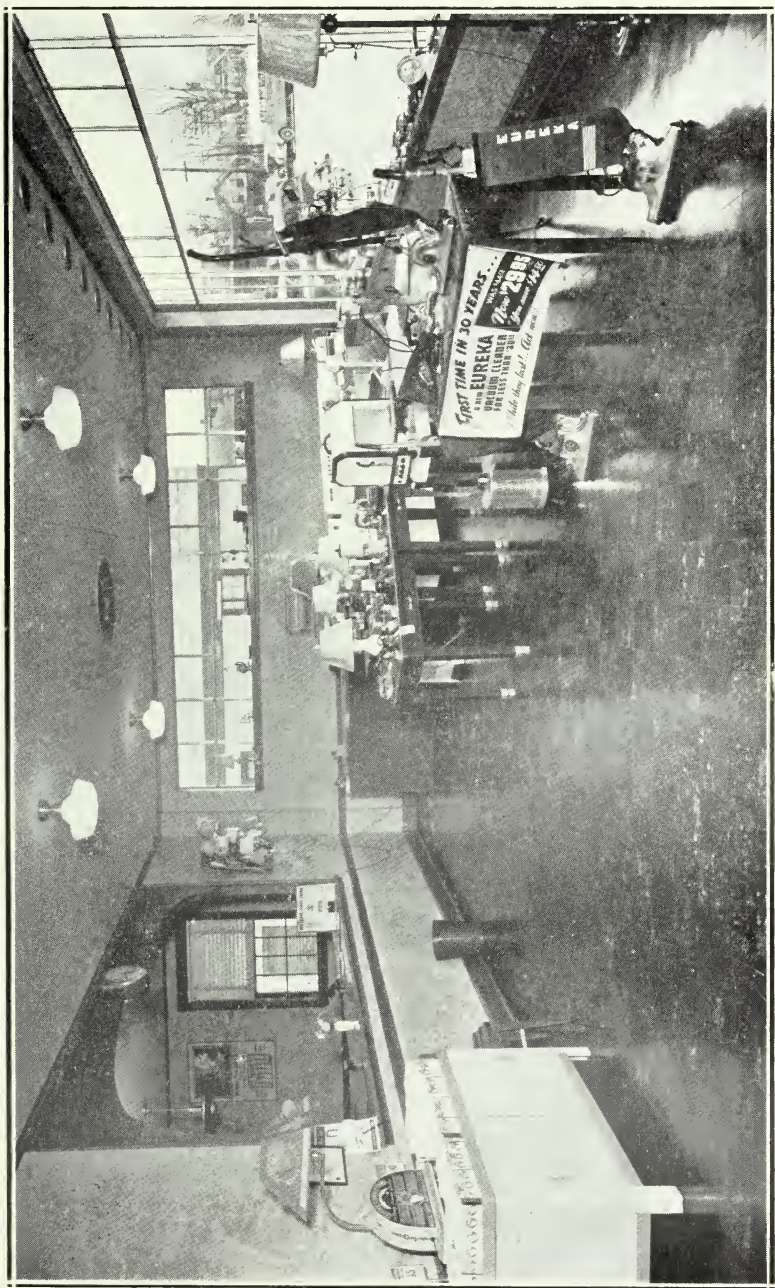


View of East Side of new Office Building of the Municipal Light Department, showing parking space.

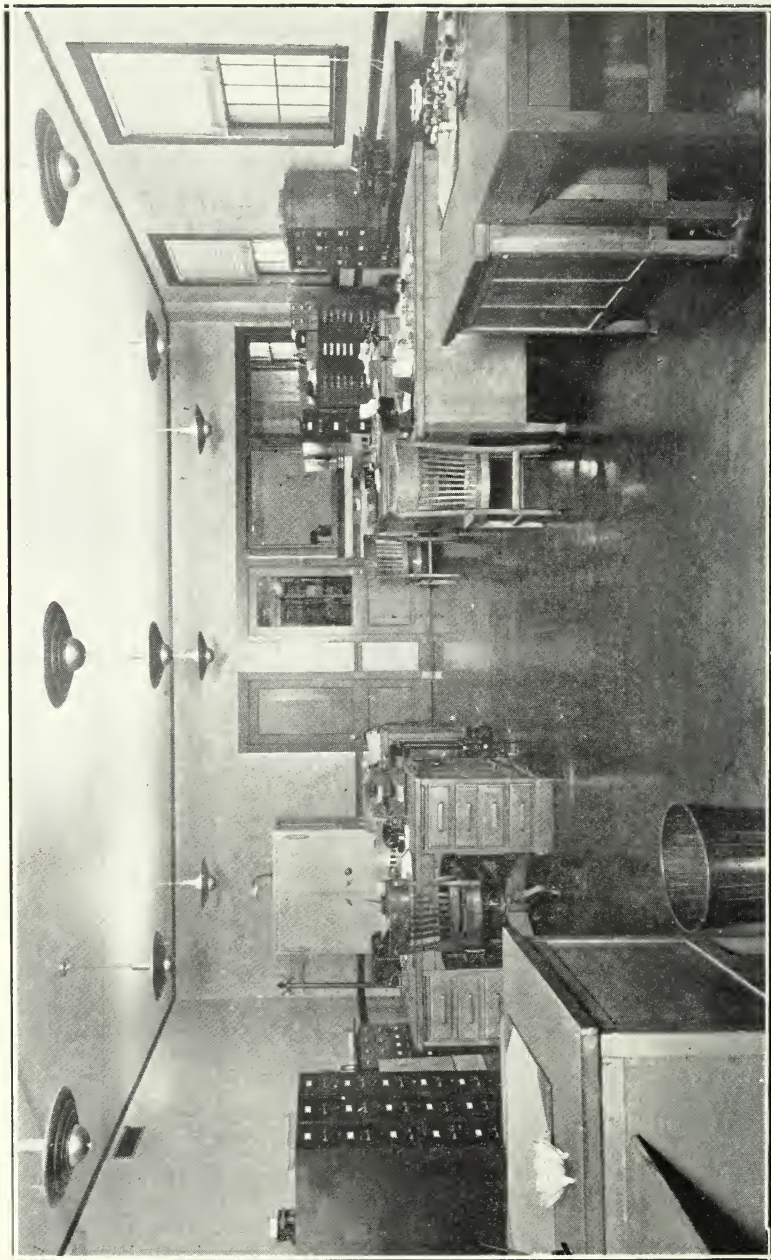


View showing interior of Appliance Store of the Municipal Light Department.



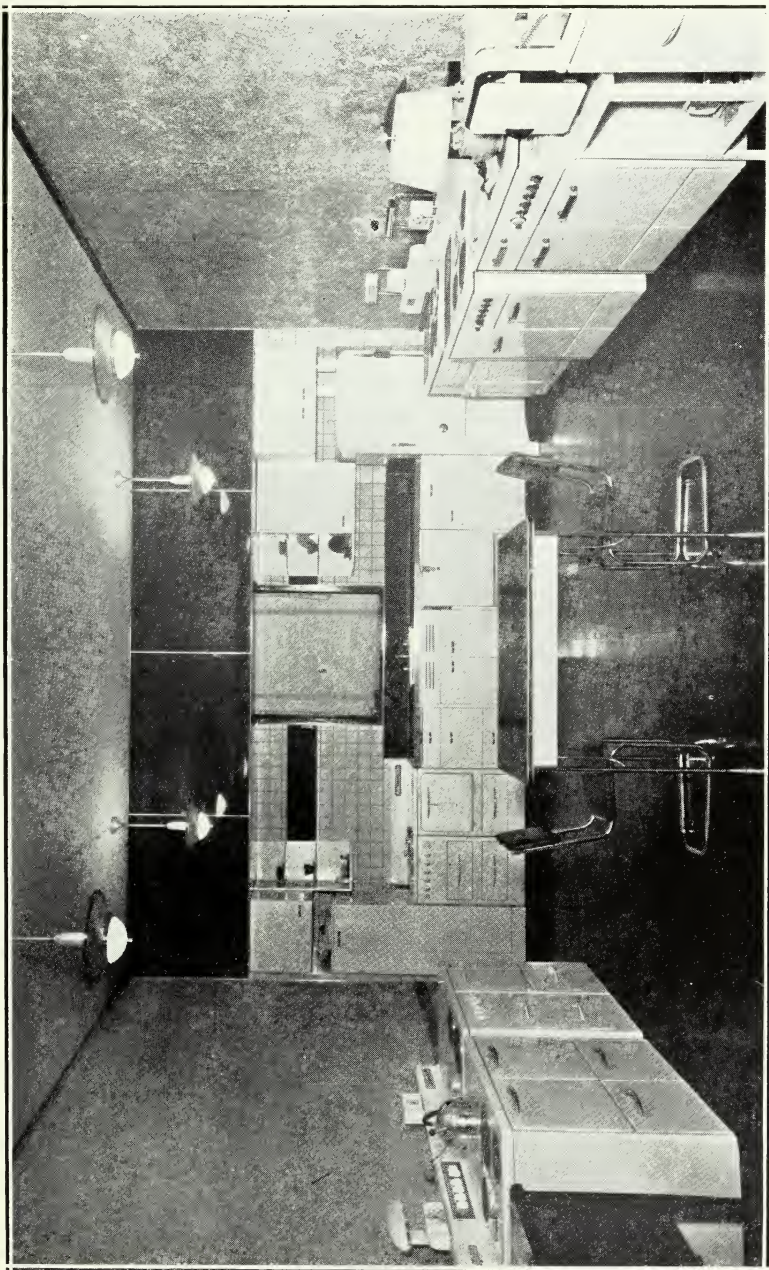


Another view showing interior of Appliance Store of the Municipal Light Department.

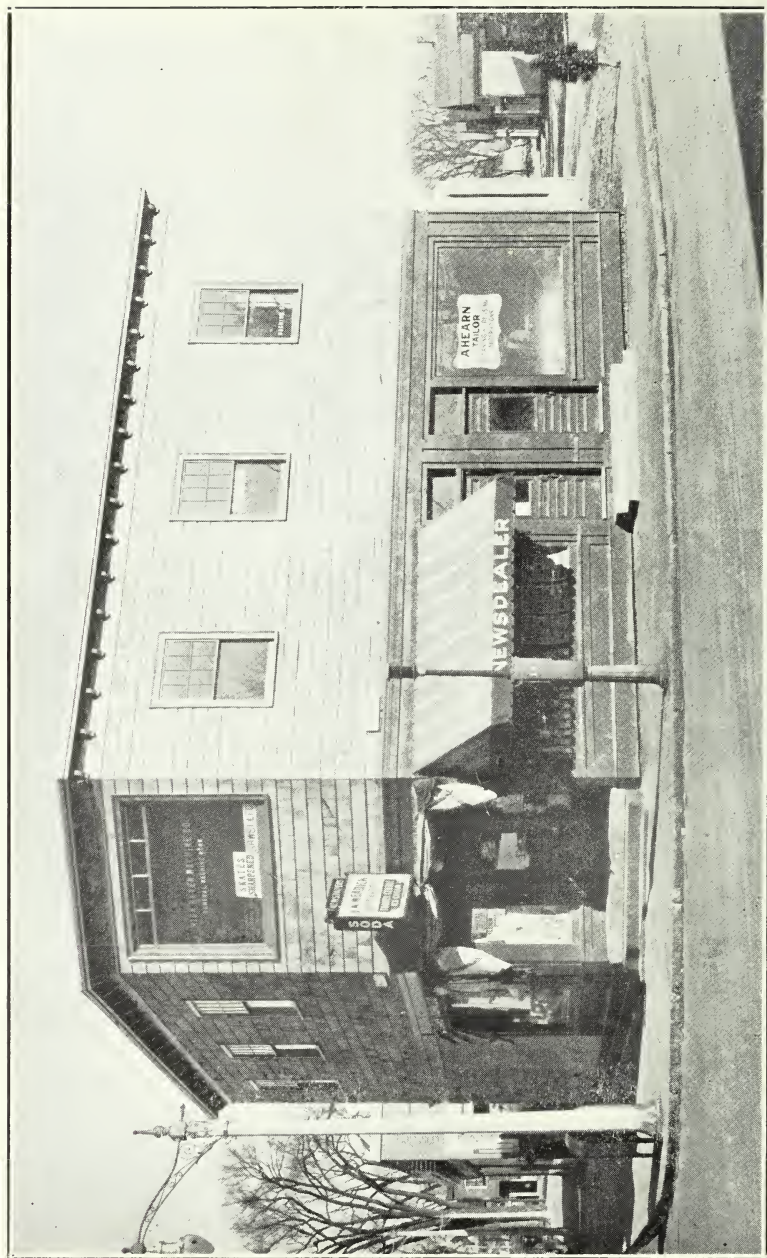


Business Office of the Municipal Light Department.





Demonstration Kitchen of the Municipal Light Department.



Portion of Old Building remaining and newly renovated.

## FUTURE IMPROVEMENTS

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The following additions and improvements to the plant are recommended for the coming year:

### Estimate of New Construction for 1940

---

Extend North Wilmington Feeder Circuit on Lowell Street from Grove Street to West Street .....	\$ 500.00
Divide Street Light Circuit in Wilmington into three circuits	1,500.00
Divide Street Light Circuit in North Reading into two circuits .....	1,000.00
Extend Underground Service on Pleasant Street from Main Street to Middle Street .....	2,300.00
Extend Reading Street Light Circuit on Pearl Street ....	1,828.00
Renew Street Light Fixtures on Summer Avenue from Main Street to West Street, and on Prescott Street from Lincoln Street to West Street .....	1,000.00
New Fence and Complete Grading and Landscaping at Haven Street Property .....	1,000.00
Extend 2 Primary Circuits and 1 Street Light Circuit in underground ducts, on High Street and Lowell Street from Woburn Street to Grove Street, Including lamp posts and fixtures .....	13,400.00
Ordinary Extensions, Service Connections, Meters and Transformers .....	18,000.00
<b>TOTAL</b> .....	<b>\$ 40,528.00</b>
To be Paid from Construction and Depreciation Funds:—	
Estimate of Construction Fund .....	\$ 4,315.25
Estimate of Depreciation Fund .....	38,908.61
<b>TOTAL</b> .....	<b>\$ 43,223.86</b>



## ESTIMATE FOR 1940

In accordance with the provisions of Section 57, Chapter 164 of the General Laws, I submit herewith, my estimate of the income and expenses of the Municipal Light Plant for the year ending December 31, 1940.

### Income

From Private Consumers .....		\$333,000.00
From Tax Levy:		
For Street Lights .....	\$ 15,500.00	
For Municipal Departments .....	4,200.00	19,700.00
From Miscellaneous Income .....		2,500.00
Total Income .....		<hr/> \$355,200.00

### Expenses

For Operation, Maintenance and Repairs .....	\$269,107.50
For Interest on Bonds and Notes .....	3,402.50
For Depreciation at 3% on \$1,156,352.91 .....	34,690.59
For Bond Payments .....	4,000.00
For Note Payments .....	17,000.00
Total Expenses .....	<hr/> \$328,200.59

A summary of cash receipts and expenditures, statement of the various funds, total cost and present book value of the plant, together with statistics pertaining to the plant and a list of bills remaining unpaid at the end of the year will be found on the pages which follow.

The report of the Auditor which is appended will show in detail the results of the operation of the plant as shown by the books of record.

Respectfully submitted,

ARTHUR G. SIAS, Manager.

The reports of the Manager and Auditor as submitted by them are hereby approved by us and constitute our report to the Town.

HENRY R. JOHNSON,  
LOUIS ELLENWOOD,  
HERBERT G. EVANS,  
Municipal Light Board.



Average 1939 Monthly Bill

for Completely

Electrified Home

1939 RESIDENCE SERVICE			MUNICIPAL LIGHT BOARD TOWN OF READING		READING, MASS.	
DATE	CONSUMPTION IN K.W. HRS.	AVERAGE RATE PER K.W. H.R.	AVERAGE NET AMOUNT OF MONTHLY BILL			
SEP 1	533	2.11¢	\$ 11.24			
			ALL ELECTRIC CUSTOMER EASY STREET READING, MASS.			
TELEPHONE READ. 1340 L						



Average 1939 Monthly Bill

for Home with Limited













Electric Service

1939 RESIDENCE SERVICE			MUNICIPAL LIGHT BOARD TOWN OF READING		READING, MASS.	
DATE	CONSUMPTION IN K.W. HRS.	AVERAGE RATE PER K.W. H.R.	AVERAGE NET AMOUNT OF MONTHLY BILL			
SEP 1	81	4.14¢	\$ 3.35			
			AVERAGE RESIDENT CUSTOMER ANY STREET READING, MASS.			
TELEPHONE READ. 1340 L						



Town Light Dept. - 1939 Report

## COST OF APPLIANCE OPERATION IN ALL-ELECTRIC HOME

	Monthly K.W.Hr. per appliance	Monthly Cost of Appliance Operation
 -----Lighting-----	30-----	1.62
 -----Iron-----	5-----	.27
 -----Radio-----	15-----	.81
 -----Washer-----	2-----	.05
 -----Toaster-----	5-----	.14
 -----Refrigerator-----	35-----	.95
 -----Cleaner-----	1-----	.03
 -----Percolator-----	5-----	.13
 -----Range-----	110-----	2.86
 -----Ironer-----	10-----	.13
 -----Oil-burner-----	25-----	.34
 -----Water-heater-----	275-----	3.71
Miscellaneous Appliances-----	15-----	.20
<b>TOTAL-----</b>		<b>5.33 K.W.Hr.-----\$11.24</b>

Note- Rate for each appliance operating cost taken at rate-step applicable when appliance  
K.W.Hrs. per month are taken in the order pictured- from top to bottom

### COMPARISON OF OPERATING COSTS 1939—1938

In Cents Per Kilowatt Hour Based on Kilowatt Hours Sold and Delivered to Street Lights	1939	1938
Production .....	1.2933	1.317
Distribution .....	.6604	.678
Utilization .....	.1217	.119
Commercial .....	.1743	.194
New Business .....	.0040	.079
General and Miscellaneous .....	.7803	.841
Bonds, Notes and Interest .....	.1980	.222
Total Costs .....	3.2320	3.450

### SUMMARY OF CASH RECEIPTS AND DISBURSEMENTS

During the Period January 1, 1939 Through December 31, 1939

#### Cash Balances January 1, 1939

Operation Fund .....	\$ None
Depreciation Fund .....	None
Construction Fund .....	5,018.28
Spec. Const.—Underground .....	None
Spec. Const.—New Bldg. ....	None
Petty Cash Fund .....	250.00
Total Cash Balances .....	\$ 5,268.28

#### Cash Received

Sale of Electricity, Mdse. & Jobbing ....	\$329,236.64
Street Lighting Appropriation .....	14,000.00
Proceeds Sale of Note—Underground ....	15,000.00
Proceeds Sale of Note—New Bldg. ....	36,000.00
Miscellaneous .....	43,142.49
Total Cash Received .....	\$437,379.13

TOTAL .....	\$442,647.41
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#### Cash Disbursed

Operation Accts.—Plant, Mdse. & Jobbing	\$321,312.53
Construction Accounts.. .....	70,199.11
Interest Paid .....	2,852.50
Bonds and Notes Paid .....	15,500.00
Transfer to Town Treasurer .....	24,000.00
Total Cash Disbursed .....	\$433,864.14

#### Cash Balances December 31, 1939

Operation Fund .....	\$ None
Depreciation Fund .....	4,218.02
Construction Fund .....	4,261.16
Spec. Const.—Underground .....	None
Spec. Const.—New Bldg. ....	54.09
Petty Cash Fund .....	250.00

TOTAL CASH BALANCES December 31, 1939	\$ 8,783.27
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# COMPARISON OF KILOWATT HOURS SOLD ALSO INCOME RECEIVED

Kilowatt Hours Sold and Revenue	K. W. H.	1939 Income	Average Rate	K.W.H.	1938 Income	Average Rate
Residence Service .....	5,441,984	\$225,179.98	4.138	5,076,569	\$212,064.33	4.177
Commercial Service .....	1,270,590	43,340.60	3.411	1,177,962	40,965.06	3.478
Commercial Power—Retail .....	168,014	7,652.16	4.554	498,040	14,199.23	2.851
Commercial Power—Wholesale .....	1,291,740	19,701.15	1.525	469,054	8,851.10	1.887
Municipal Service .....	135,174	2,862.68	2.118	121,598	2,648.02	2.188
Municipal Power—Retail .....	2,466	123.46	.050	2,502	118.38	.047
Municipal Power—Wholesale .....	363,562	6,633.70	1.825	329,400	6,368.84	1.933
Co-operative Resale Service .....	43,258	1,371.87	3.170	36,455	1,163.83	3.193
Street Lighting .....	692,394	26,369.26	3.808	688,672	28,846.93	4.189
Totals .....	9,409,182	333,234.86	3.541	8,400,252	\$315,225.72	3.753

### INCOME FROM EACH TOWN

	1939	1938	Increase Decrease*
Reading .....	\$200,340.03	\$191,166.66	\$ 9,173.37
Lynnfield Center .....	23,464.48	22,116.65	1,347.83
North Reading .....	43,435.94	39,227.59	4,208.35
Wilmington .....	64,622.54	61,550.99	3,071.55
Other Districts .....	1,371.87	1,163.83	208.04
Totals .....	\$333,234.86	\$315,225.72	\$ 18,009.14

### KILOWATT HOURS SOLD IN EACH TOWN

	1939	1938	Increase Decrease*
Reading .....	6,481,853	5,730,141	751,712
Lynnfield Center .....	507,643	459,004	48,639
North Reading .....	986,128	883,369	102,759
Wilmington .....	1,390,300	1,291,283	99,017
Other Districts .....	43,258	36,455	6,803
Totals .....	9,409,182	8,400,252	1,008,930

### CLASSIFICATION OF CUSTOMERS DECEMBER 31, 1939

	Totals	Reading	Lynnfield Center	No. Reading	Wilmington
Residence Service .....	5626	2938	479	849	1360
Commercial Service .....	478	264	27	65	122
Commercial Power—Retail ....	93	55	3	11	24
Primary Power—Wholesale ....	12	9	—	3	—
Municipal Service .....	45	45	—	—	—
Municipal Power—Retail .....	7	7	—	—	—
Municipal Power—Wholesale ..	5	5	—	—	—
Co-operative Resale Service ..	24	11	1	2	10
Private Street Lights .....	17	7	3	4	3
Public Street Lights .....	3	—	1	1	1
Totals 1939 .....	6310	3341	514	935	1520
Totals 1938 .....	6141	3266	509	904	1462
Increase .....	169	75	5	31	58
Decrease*					

### COMPARATIVE STATEMENT OF POLE ADDITIONS AND RENEWALS BY SIZES

Pole Size	Additions			Renewals		
	1939	1938	1937	1939	1938	1937
25 .....	1	—	—	—	1	—
30 .....	50	47	61	158	455	209
35 .....	24	19	32	202	300	229
40 .....	1	—	2	24	44	32
45 .....	—	—	—	1	—	3
50 .....	—	—	—	—	—	—
55 .....	—	—	—	—	—	—
Totals .....	76	66	95	385	800	473.

### COMPARATIVE STATEMENT OF POLE ADDITIONS AND RENEWALS

	Additions		
	1939	1938	1937
Reading .....	24	17	52
Lynnfield Center .....	9	24	4
North Reading .....	19	9	16
Wilmington .....	24	16	23
Total Additions .....	76	66	95
	Renewals		
	1939	1938	1937
Reading .....	146	204	199
Lynnfield Center .....	39	48	73
North Reading .....	55	184	131
Wilmington .....	145	364	70
Total Renewals .....	385	800	473
<b>Total Poles Handled</b> .....	461	866	568

### NUMBER OF STREET LIGHTS BY SIZES

	Totals	Reading	Lynnfield		Wilmington
			Center	Reading	
60 C. P. ....	1627	576	173	358	520
100 C. P. ....	16	16	—	—	—
250 C. P. ....	257	254	3	—	—
400 C. P. ....	35	35	—	—	—
600 C. P. ....	95	85	—	—	10
1000 W. ....	5	5	—	—	—
Totals 1939 .....	2035	971	176	358	530
Hours Burned ...		4014	*4000	*4000	*4000

\*Controlled by time clock—estimated.



## PLANT INVESTMENT ACCOUNTS—ELECTRIC

Plant Investment	Balance Jan. 1, '39	Additions 1939	Deductions 1939	Book Adjust- ment Dec. 31, '39	Balance Dec. 31, '39
Land—Plant .....	\$2,575.80	—	—	—	\$2,575.80
Land—New Building	—	7,459.46	—	—	7,459.46
Structures .....	16,660.61	—	554.04	—	16,106.57
Structures—Garage ..	12,844.90	—	342.30	—	12,502.60
Structures—New Bldg.	—	25,489.10	—	—	25,489.10
Boiler Plant—Equip	250.00	—	—	—	250.00
Prime Movers & Auxil. ....	250.00	—	—	—	250.00
Turbo. Gen. Units ..	500.00	—	—	—	500.00
Elec. Plant—Steam	59,033.21	1,613.59	4,841.62	—	55,805.18
Trans. Sta. & Substa. Equip. ....	40,617.45	263.32	2,579.19	*2,100.00	36,201.58
Poles, Fixt. & Over- head Conductors ..	269,866.84	11,204.07	14,823.54	—	266,247.37
Underground Conduit	74,441.31	3,129.45	1,643.76	—	75,927.00
Underground Cond'rs.	67,046.86	6,835.70	2,284.49	—	71,598.07
Consumers' Meters	35,472.68	2,069.28	2,083.41	—	35,458.55
Consumers' Meter Installations .....	11,269.89	1,801.39	534.38	—	12,536.90
Line Transformers ..	32,631.20	60.31	1,554.93	—	31,136.58
Trans. Installations ..	3,976.94	55.00	223.77	—	3,808.17
Street Light Equip. .	19,884.37	2,218.44	1,853.07	—	20,249.74
<b>Total Plant Invest.</b>	<b>\$647,322.06</b>	<b>\$62,199.11</b>	<b>\$33,318.50</b>	<b>*2,100.00</b>	<b>\$674,102.67</b>

### General Equipment:

Office Equipment ....	\$5,006.50	\$1,648.50	\$1,074.70	\$ —	\$5,580.30
Stores Equipment ..	456.50	—	22.83	—	433.67
Transport. Equip. ..	4,840.00	1,805.87	1,234.87	—	5,411.00
Laboratory Equip. ..	1,643.47	73.01	85.82	—	1,630.66
Miscell. Equip. ....	385.26	1,006.71	409.03	—	982.94
<b>Total Gen. Equip.</b>	<b>\$12,331.73</b>	<b>\$4,534.09</b>	<b>\$2,827.25</b>	<b>\$ —</b>	<b>\$14,038.57</b>

Plant Investment	Balance Jan. 1, '39	Additions 1939	Deductions 1939	Book	
				Adjust- ment	Balance Dec. 31, '39
Misc. Physical Prop.					
Land .....	—	—	—	—	\$1,601.10
Misc. Physical Prop.					
Bldg. ....	—	—	—	—	6,398.90
<b>Total Physical Property .....</b>	—	—	—	—	<b>\$8,000.00</b>
<b>Total Investments</b>	<b>\$659,653.79</b>	<b>\$74,733.20</b>	<b>\$36,145.75</b>	<b>*2,100.00</b>	<b>\$696,141.24</b>

#### TOTAL COST OF PLANT AS OF DECEMBER 31, 1939

<b>Cost of Land</b> —Ash Street .....	\$ 2,575.80	
25 Haven Street .....	7,459.46	\$ 10,035.26
<b>Cost of Structures</b> —Ash Street .....	\$ 44,816.75	
25 Haven Street .....	25,489.10	70,305.85
<b>Generating Plant—Steam:</b>		
Cost of Boiler Plant Equip. ....	\$ 69,696.71	
Cost of Prime Movers & Auxiliaries ....	21,512.38	
Cost of Turbo Generator Units .....	46,870.83	
Cost of Electric Plant—Steam .....	82,307.29	\$220,387.21
<b>Transmission, Distribution and Storage:</b>		
Cost of Trans. Sta. and Substa. Equip. ..	\$ 40,568.94	
Cost of Poles, Fixt. and Overhead Cond. ..	460,957.48	
Cost of Underground Conduits .....	85,317.36	
Cost of Underground Conductors .....	82,985.26	
Cost of Consumers' Meters .....	70,756.93	
Cost of Consumers' Meters Installations ..	19,614.20	
Cost of Line Transformers .....	51,891.19	
Cost of Line Transformer Installations ..	5,453.56	\$817,544.92
<b>Utilization Equipment:</b>		
Cost of Street Lighting Equipment ....	\$ 48,114.93	\$ 48,114.93
<b>Total Cost of Electric Plant on Which Depreciation is Based .....</b>		<b>\$1,166,388.17</b>
<b>Cost of Misc. Physical Property:</b>		
High St. Land .....	\$ 1,601.10	
High St. Building .....	6,398.90	\$ 8,000.00
<b>Total Cost of Electric Plant as shown by Books</b>		<b>\$1,174,388.17</b>

## **COST OF DISTRIBUTION SYSTEM IN OUTSIDE TOWNS**

### **North Reading**

#### **Total Investment December 31, 1939:**

Poles, Fixtures and Overhead Conductors .	\$ 92,395.30	
Consumers' Meters .....	14,903.59	
Line Transformers .....	9,750.25	
Street Lighting Equipment .....	3,569.68	
Substation Equipment .....	2,069.19	
		\$122,688.01

### **Lynnfield Center**

#### **Total Investment December 31, 1939:**

Poles, Fixtures and Overhead Conductors .	\$ 45,908.45	
Consumers' Meters .....	7,283.35	
Line Transformers .....	3,508.34	
Street Lighting Equipment .....	2,094.19	
Substation Equipment .....	1,051.46	
		\$ 59,845.79

### **Wilmington**

#### **Total Investment December 31, 1939:**

Poles, Fixtures and Overhead Conductors	\$140,943.94	
Consumers' Meters .....	20,214.39	
Line Transformers .....	10,785.07	
Street Lighting Equipment .....	3,921.58	
Substation Equipment .....	2,910.98	
		\$178,775.96

**Total Investment—Outside Towns** ..... \$361,309.76

**Total Revenue—Outside Towns** ..... \$132,894.83

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## **MATERIALS AND SUPPLIES**

Line Materials .....	\$ 27,560.55
Electric Appliances—In stock .....	18,522.30
Electric Appliances—In Consumers' Premises .....	651.94
Tools and Supplies .....	8,540.83
Coal .....	393.06

**Total Materials and Supplies** ..... \$ 55,668.68

# **CASH BALANCES AT CLOSE OF YEAR 1939** **PETTY CASH FUND**

Petty Cash Fund—Due Town Treasurer .....	\$ 250.00
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## **OPERATION FUND**

### DEBITS

Balance at Beginning of Year .....	\$ None
Received from Sale of Elec., Mdse. & Jobbing .....	329,236.64
Received from Appro. for Street Lighting ....	14,000.00
Received from Operation Funds for Mdse. ..	28,758.61
Received from Miscellaneous Items .....	24,383.88
<hr/>	
Total Debits .....	\$396,379.13

### CREDITS

Expenditures for Operation, Mdse. and Jobbing .....	\$300,313.86
Mdse. and Jobbing Service Expense .....	16,152.09
Amount transferred to Depreciation Fund ....	33,318.50
Bonds and Notes Paid .....	15,500.00
Interest Paid on Bonds and Notes .....	2,852.50
<hr/>	
Total Credits .....	\$368,136.95

Balance December 31, 1939 .....	<hr/> \$ 28,242.18
Amount Transferred to Town Treasurer ..	\$ 24,000.00
Amount Transferred to Construction Fund ..	4,242.18
<hr/>	
Balance December 31, 1939 (After Closing) ..	None

## **DEPRECIATION FUND**

### DEBITS

Balance January 1, 1939 .....	\$ None
Amount Transferred from Income .....	33,318.50
<hr/>	
Total Debits .....	\$ 33,318.50

### CREDITS

Amount Expended for Construction .....	\$ 27,181.13
Transferred to Special Construction Fund ....	1,919.35
<hr/>	
Total Credits .....	\$ 29,100.48
Balance December 31, 1939 .....	\$ 4,218.02

### CONSTRUCTION FUND

#### DEBITS

Balance January 1, 1939 .....	\$ 5,018.28	
Amount Transferred from Operation .....	4,242.88	
	<hr/>	
Total Debits .....		\$ 9,261.16

#### CREDITS

Amount Transferred to New Building Fund ..	\$ 5,000.00	
	<hr/>	
Total Credits .....		\$ 5,000.00
Balance, December 31, 1939 .....		\$ 4,261.16

### NEW BUILDING FUND

#### DEBITS

Balance January 1, 1939 .....	\$ None	
Received from Notes Payable .....	36,000.00	
Transferred from Construction Fund .....	5,000.00	
	<hr/>	
Total Debits .....		\$ 41,000.00

#### CREDITS

Amount Expended for New Building .....	\$ 40,945.91	
	<hr/>	
Total Credits .....		\$ 40,945.91
Balance December 31, 1939 .....		\$ 54.09

### SPECIAL CONSTRUCTION FUND—W. P. A. PROJECT

#### DEBITS

Balance, January 1, 1939 .....	\$ None	
Amount Received from Note .....	15,000.00	
Transferred from Depreciation Fund .....	1,919.35	
	<hr/>	
Total Debits .....		\$ 16,919.35

Amount Expended for Construction .....	\$ 2,077.28	
Amount Expended for Unfinished Construction Materials and Tools .....	14,812.07	
	<hr/>	
Total Credits .....		\$ 16,919.35

TABLE A

Year	Income from Sale of Electricity	Income from other Sources	Appropriations for Tax Levy	Appropriations for Street Lights	Appropriations for Tax Levy	Construction	Production Expense	Distribution and Utilization Expense	Miscellaneous Expense	Interest	Depreciation	Bond and Note Payments	Total Cost of Plant December 31
1910	\$ 25,668.87	\$ 604.88	\$10,000.00	\$ 270.00	\$13,228.57	\$3,271.76	\$4,429.32	\$2,535.75	\$3,556.00	\$4,000.00	\$135,992.62		
1911	31,317.40	410.77	5,800.00	1,000.00	13,066.25	6,353.77	5,753.84	2,767.00	4,079.78	4,500.00	144,714.06		
1912	37,171.93	599.07	5,000.00	5,500.00	17,546.87	5,605.41	5,605.18	3,018.21	4,143.80	7,200.00	173,091.96		
1913	44,664.70	671.87	6,000.00	5,076.19	20,054.99	10,705.42	10,214.88	3,515.40	4,788.80	6,800.00	202,518.81		
1914	49,799.75	791.14	4,500.00	4,132.07	19,014.03	7,784.82	8,697.05	4,453.33	6,051.08	9,000.00	233,509.58		
1915	51,603.32	640.25	10,500.00	none	18,292.78	10,329.83	7,730.32	4,640.42	6,972.28	9,500.00	254,349.09		
1916	61,900.01	911.69	5,000.00	none	22,261.19	13,986.22	8,316.39	4,704.99	7,597.47	10,800.00	269,898.27		
1917	67,593.64	2,422.92	8,750.00	none	30,460.16	14,557.81	11,577.08	5,070.43	8,096.95	11,300.00	285,428.29		
1918	78,096.09	1,537.86	11,000.00	none	41,006.13	13,572.51	11,311.54	6,882.24	8,529.85	14,800.00	348,871.08		
1919	100,844.10	1,100.11	14,450.00	none	45,006.98	13,864.14	13,874.46	7,416.21	10,419.76	14,800.00	389,564.73		
1920	126,152.11	1,094.66	11,000.00	none	56,187.74	17,085.95	17,142.48	7,850.70	15,507.13	18,300.00	421,048.20		
1921	135,886.69	219.20	17,500.00	none	52,738.98	24,453.15	16,594.65	7,423.10	16,767.55	19,300.00	449,540.12		



1922	155,505.14	675.94	15,300.00	none	55,137.36	22,473.04	21,749.07	6,807.64	17,959.59	16,800.00	477,852.76
1923	165,971.81	464.31	14,800.00	none	62,732.83	20,247.54	27,138.65	6,437.28	19,011.08	15,800.00	505,983.28
1924	177,889.16	1,373.72	12,000.00	none	61,286.63	25,898.28	32,451.22	6,174.57	20,136.30	15,800.00	530,147.28
1925	185,492.72	1,112.19	11,000.00	none	73,140.10	28,272.55	34,767.23	5,482.46	21,102.86	13,800.00	568,524.09
1926	201,956.03	<b>3,421.99</b>	12,000.00	none	88,478.94	29,349.46	34,513.46	5,100.14	22,637.93	12,800.00	615,915.35
1927	221,343.72	<b>625.30</b>	13,500.00	none	67,661.31	50,863.76	37,505.89	4,763.62	24,533.58	15,800.00	651,367.92
1928	228,414.97	585.27	13,500.00	none	67,410.22	63,361.23	44,676.08	4,062.79	25,951.68	14,800.00	682,234.74
1929	245,942.45	861.14	13,000.00	none	71,418.27	67,309.66	49,303.18	3,440.81	27,186.35	13,800.00	729,196.45
1930	266,891.46	<b>1,995.34</b>	12,000.00	none	79,991.86	77,764.90	48,720.62	3,148.66	29,064.82	12,800.00	767,809.12
1931	276,759.47	<b>4,855.99</b>	13,500.00	none	80,091.66	84,502.49	49,164.87	3,764.01	30,609.33	13,000.00	844,355.52
1932	286,622.54	<b>6,334.73</b>	15,960.00	none	83,281.13	71,776.97	53,993.36	3,772.50	33,671.19	15,000.00	875,155.91
1933	274,696.67	<b>3,129.93</b>	15,200.00	none	80,244.08	56,319.49	48,573.69	3,031.04	34,892.99	12,000.00	908,052.06
1934	264,735.32	<b>3,553.44</b>	13,800.00	none	86,120.77	70,772.83	48,265.75	2,906.05	36,219.05	10,000.00	935,464.20
1935	279,201.27	<b>5,246.90</b>	17,300.00	none	93,856.11	72,417.54	47,693.23	2,838.13	27,986.65	12,000.00	981,877.46
1936	300,754.20	<b>5,372.95</b>	17,500.00	none	97,784.90	72,712.50	52,864.70	2,560.41	29,379.00	11,000.00	994,911.34
1937	317,416.64	<b>6,111.61</b>	14,500.00	none	105,865.41	71,135.85	55,620.82	3,206.67	29,770.06	9,500.00	1,080,555.37
1938	315,225.72	<b>2,682.03</b>	15,000.00	none	110,687.83	66,921.12	58,553.53	3,117.90	32,339.39	15,500.00	1,113,193.12
1939	333,234.86	<b>6,297.18</b>	14,000.00	none	121,665.67	73,572.22	48,598.29	3,121.21	33,318.50	15,500.00	1,174,388.17

TABLE B

Year	K. W. H. Generated	K. W. H. Purchased	K. W. H. Sold	K. W. H. Delivered to Readg. St. Lights	K. W. H. Used at Statn. Stock Rm. & Appliance Rm.	K. W. H. Unaccounted for	Net Tons of Coal Used	Average Cost of Coal Per Ton	Number of Customers	Number of Street Lights	Horse Power in Motors
1910	698,597		300,861	227,100	16,269	154,367	1,748.3	3.461	738	269	116.5
1911	771,011		367,317	244,035	15,403	144,236	1,807.6	3.341	888	382	215
1912	919,282		481,801	242,033	13,307	182,141	2,247.8	3.741	1,078	698	242.25
1913	1,045,592		599,893	255,744	15,283	174,672	2,680	3.941	1,263	903	272
1914	986,476		578,709	187,590	15,283	204,894	2,496.4	3.666	1,390	993	313.7
1915	980,688		548,607	156,505	10,403	265,173	2,298.2	3.578	1,599	1,181	381
1916	1,231,677		751,735	170,810	13,916	295,216	2,741.7	3.934	1,805	1,225	441
1917	1,291,216		812,507	168,535	12,464	297,710	3,086.7	6.348	1,964	1,295	492
1918	1,318,546		976,121	125,820	10,573	206,032	3,348.8	7.875	2,083	1,303	672
1919	2,056,834		1,358,028	172,948	189,067	336,791	3,640	7.517	2,333	1,339	886
1920	2,297,237		1,444,960	175,704	257,999	418,574	3,615	10.352	2,617	1,363	812.5
1921	2,193,092		1,471,698	178,892	146,206	396,296	3,308.4	10.171	2,939	1,473	1,120.5

1922	2,609,076	1,583,716	183,250	276,477	565,633	3,791.5	9.00	3,234	1,481	1,197.5	
1923	3,039,677	3,520	183,935	342,189	470,225	4,577.7	8.94	3,666	1,494	1,367.5	
1924	3,572,588	2,463,602	209,738	392,281	506,967	3,379.5	6.503	4,058	1,537	1,281.8	
1925	4,051,182	25,495	241,476	383,152	578,245	6,317.7	6.358	4,472	1,572	1,395.2	
1926	3,600,580	819,787	249,386	366,352	732,685	5,740.2	6.488	4,786	1,602	1,429	
1927	406,693	4,396,397	261,361	58,249	806,935	947	6.609	5,017	1,635	1,630.9	
1928	none	5,097,768	259,482	25,625	914,041	204	6.354	5,085	1,655	1,723.5	
1929	103,985	6,362,853	5,240,360	56,368	1,163,488	378	6.783	5,221	1,723	2,354.25	
1930	none	7,050,708	5,355,542	298,730	52,117	979,492	150	5.75	5,380	1,758	1,592
1931	none	6,885,880	5,640,426	324,162	51,932	857,870	145.8	5.04	5,487	1,762	2,527
1932	none	7,324,775	6,292,489	422,748	57,926	971,974	129.9	4.91	5,547	1,806	2,275
1933	none	7,213,269	6,259,657	375,574	63,444	890,168	92.5	4.53	5,652	1,827	2,165
1934	none	7,516,389	6,522,197	407,660	69,229	924,963	91.5	5.75	5,626	1,864	1,907
1935	none	7,973,642	6,856,394	496,218	70,351	1,046,896	127.	6.34	5,741	1,912	1,900 Est.
1936	none	8,518,418	7,456,400	439,503	105,251	955,722	119.5	5.80	5,915	1,929	2,107 Est.
1937	none	9,227,569	8,248,096	427,614	93,252	886,221	77.0	6.38	6,099	1,988	2,100 Est.
1938	none	9,453,053	8,400,252	430,877	86,960	965,841	76.1	6.56	6,141	2,004	2,100 Est.
1939	none	10,525,000	9,409,182	458,354	88,087	1,016,940	99.4	7.05	6,311	1,754	2,100 Est.

**VOUCHER REGISTER BALANCE  
DECEMBER 31, 1939**

	Totals	December	November	October & Previous
Addressograph Div.     \$	7.78	\$ .78	\$ 7.00	
Anchor Mfg. Co. ....	24.75	.....	24.75	
Wendell Bancroft Co.	26.23	26.23	.....	
Blackstone Mfg. Co. ..	1.30	.23	1.07	
Henry S. Blethen ..	37.36	37.36	.....	
Bonded Vacuum				
Cleaner Co. ....	4.33	.....	4.33	
Boston & Maine R.R.	.55	.55	.....	
Boston Chamber				
of Commerce .....	35.00	35.00	.....	
Boston Edison Co. .	23,396.93	12,144.69	11,252.24	
Boston Janitors				
Supply Co. ....	15.90	15.90	.....	
Brooks' Express .....	17.50	17.50	.....	
Geo. H. Buckminster				
Co. ....	195.08	102.12	92.96	
Burroughs Adding				
Mach. Co. ....	3.15	.....	3.15	
Chapin Oil Co. ....	76.16	76.16	.....	
M. F. Charles .....	8.20	8.20	.....	
Christian Science Pub.				
Society .....	74.58	56.10	18.48	
Clapp & Leach, Inc. ..	45.33	45.33	.....	
Cooper Elec. Sup. Co.	35.60	7.20	28.40	
E. B. Currell & Son ..	5.00	5.00	.....	
Davis Transformer Co.	8.40*	.....	.....	\$ 8.40*
Deluxe Filter				
and Piston Co. ....	12.60	.....	12.60	
Dyer-Clark Co. ....	148.62	86.96	61.66	
Eastern Co. ....	284.22	44.20	240.02	
Eastern Chemical Co.	2.00	.....	2.00	
Elec. Time Co., Inc. ..	8.61	4.02	4.59	
Electromaster Inc. ..	4.20	28.35	24.15*	
Eureka Vacuum Clean-				
er Co. ....	395.18	129.30	265.88	
S. W. Farber, Inc. ..	35.05	1.55*	36.60	
Fay & Scott .....	5.34	5.34	.....	
T. C. Fife .....	4.03	4.03	.....	
Raymond H. Fogg ....	7.50	7.50	.....	
Francis Bros., Inc. ..	44.63	44.63	.....	
Frigidaire Division ..	.14	.14	.....	

	Totals	December	November	October & Previous
General Electric Co. .	1,248.57	82.92	1,165.65	
G. E. Supply Corp. . .	712.42	11.96	700.46	
Gen. Shaver Division .	1.33	1.33	.....	
Gilman Fanfold Corp.	103.64	.....	103.64	
Good Housekeeping ..				
Shop .....	7.21	3.41	3.80	
Goodco Sani. Products	7.00	.....	7.00	
Granite City Elec. Sup. Co. ....	35.88	.....	35.88	
Graybar Elec. Co., Inc.	94.50	39.37*	133.87	
Habirshaw Cable and Wire Div. ....	994.00	.....	994.00	
C. E. Hall & Sons ..	8.65	.....	8.65	
C. L. Hawthaway & Sons, Inc. ....	27.00	.....	27.00	
Hazard Insulated Wire Works .....	18.00*	.....	.....	18.00*
Hewitt Elec. & Mfg. Co. ....	1.00	.....	1.00	
Hobard Mfg. Co. ....	17.97	.....	17.97	
Hookie's Auto. Service	1.40	1.40	.....	
Hygrade Sylvania Corp .....	250.53	30.72	219.81	
Joslyn Co. ....	15.47*	.....	.....	15.47*
Wm. Kelch & Son ..	3.00	3.00	.....	
Kelvinator Division ..	15.99	.....	15.99	
Kellogg Division ....	1.67	1.67	.....	
D. M. Laffin .....	1.50	1.50	.....	
Landers and Frary and Clark .....	29.53	29.53	.....	
Edward Lappin .....	10.73	10.73	.....	
Liberty Mutual Ins. Co.	672.96	672.96	.....	
Lincoln Oil Co. ....	234.74	129.49	105.25	
A. J. Lindemann & Hoverson Co. ....	10.62	.....	10.62	
Malden Grinding & Welding Co. ....	3.00	.....	3.00	
Malden Motor Parts Co. ....	12.04	12.04	.....	



	Totals	December	November	October & Previous
A. E. Martell Co., Inc.	29.87	27.75	2.12	
Comm. of Mass., State Prison .....	128.25	.....	128.25	
Mass. Reformatory ..	14.25	14.25	.....	
Mathias-Hart Co. ....	11.82	.....	11.82	
H. B. McArdle .....	11.90	11.90	.....	
McGunigle & Tounge, Inc. ....	9.67	7.02	2.65	
Melchior, Armstrong, Dessau Co. ....	4.93	1.48	3.45	
Milhender-Afes Elec. Co., Inc. ....	237.70	202.93	34.77	
L. E. Muran Co. ....	102.90	16.45	86.45	
N. E. Tel. & Tel. Co. (Service) .....	104.15	104.15	.....	
N. E. Tel. & Tel. Co. (Const.) .....	297.98	297.98	.....	
Northeastern Radio Inc. ....	5.80	4.69	1.11	
Office Furniture Inc. .	6.00	.....	6.00	
Palmen Mfg. Co. ....	27.31	25.15	2.16	
Palmer Elec. & Mfg. Co. ....	186.22	.....	186.22	
L. B. Philbrick Co. ..	10.24	1.95	8.29	
Premier Division ....	2.08	2.08	.....	
Reading Chronicle ....	84.78	84.78	.....	
John A. Roebling's Sons Co. ....	67.06*	35.10	.....	102.16*
Sager Elec. Sup. Co.	47.23	.....	47.23	
Simplex Wire & Cable Co. ....	812.96	903.85	60.90	151.79*
Fred F. Smith, Inc. ..	37.59	37.59	.....	
Spaulding-Moss Co. ..	5.67	2.17	3.50	
Wm. J. Sullivan, Town Clerk .....	1.40	1.40	.....	
Textile Products Corp.	14.64	.....	14.64	
United Motors Service	6.98	6.98	.....	
Virginia Smelting Co.	18.00	18.00	.....	



	Totals	December	November	October & Previous
Geo. H. Wahn Co. ..	312.51	211.76	100.75	
B. F. Waldron Co., Inc	.....	.....	.....	
Wetmore-Savage Div.	397.81	146.54	251.27	
Edwin L. Wiegand Co.	61.57	61.57	.....	
Domenick Zanni ....	260.00	260.00	.....	
Decatur, Hopkins Co.	1,447.14	1,226.25	220.89	
Mass. Gas & Elec. Sup- ply Corp. ....	39.62	21.32	18.30	
Crown Stove Works ..	17.00	.....	17.00	
Yankee Maid Products	312.88	312.88	.....	
A. E. Borden Co. ....	.56	.56	.....	
Carleton-Walsh Motors	.65	.65	.....	
Detroit Vapor Div. ..	1.51	1.51	.....	
George W. Marshall ..	.70	.70	.....	
Merchants Tire Co. ..	85.56	85.56	.....	
No. Wilm. Nurseries ..	10.00	10.00	.....	
Reading Greenhouses	7.00	7.00	.....	
Hodson Bros. ....	2.35	2.35	.....	
Town of Reading ....	55.57	55.57	.....	
E. E. Randall ....	27.74	27.74	.....	
Harry E. Smith ....	27.95	27.95	.....	
Frank E. Gallagher ..	25.36	25.36	.....	
Russell Coal Co. ....	386.48	386.48	.....	
W. B. Flaherty ....	26.40	26.40	.....	
Gallant's Elec. Motor Service .....	5.00	5.00	.....	
Lander Welding Co. ..	2.50	2.50	.....	
Ranco .....	3.12	3.12	.....	
Recording and Statis- tical Corp. ....	18.75	18.75	.....	
J. F. Sanborn ....	11.50	11.50	.....	
Siph-O Products Corp.	4.74	4.74	.....	
Winifred W. Rice ....	10.75	10.75	.....	
Palmer Severini & Co.	28.50	.....	.....	28.50
	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 35,192.34	\$ 18,666.72	\$ 16,792.94	\$ 267.32*

**TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT  
REPORT OF EXAMINATION**

**For the Year Ended December 31, 1939**

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January 31, 1940.

To the Municipal Light Board,  
Town of Reading,  
Massachusetts.

Gentlemen :

We have examined the books of account and financial records of the Municipal Light Department of the Town of Reading for the year ended December 31, 1939, and submit herein our report consisting of the following exhibits, schedules, comments and explanations.

**Exhibits:**

“A”—Comparative Balance Sheet as at December 31, 1939 and 1938.

“B”—Comparative Statement of Operations for the years ended December 31, 1939 and 1938.

“C”—Comparative Statement of Profit and Loss for the years ended December 31, 1939 and 1938.

**Schedules:**

“1”—Comparative classified statement of Income for the years ended December 31, 1939 and 1938.

“2”—Comparative classified statement of Operating Expenses for the years ended December 31, 1939 and 1938.

“3”—Detail of bonds and notes authorized, issued and outstanding as at December 31, 1939.

“4”—Comparative statement of kilowatt hours purchased, sold, used and unaccounted for, for the years ended December 31, 1939 and 1938.

# **COMMENTS AND EXPLANATIONS OF ASSETS AND LIABILITIES**

## **PLANT INVESTMENT—\$682,102.67.**

Changes in plant investment accounts during the year are summarized below.

Account	Balance January 1 1939	Net Additions	De- preciation	Balance Dec. 31, 1939
Land .....	\$ 2,575.80	\$ .00	\$ .00	\$ 2,575.80
Land—25 Haven St. ...	.00	7,459.46	.00	7,459.46
Land—High St. ....	.00	1,601.10	.00	1,601.10
Structures .....	16,660.61	.00	554.04	16,106.57
Structures—Garage and Storeroom .....	12,844.90	.00	342.30	12,502.60
Structures— 25 Haven Street ....	.00	25,489.10	.00	25,489.10
Structures—High Street	.00	6,398.90	.00	6,398.90
Boiler Plant Equip. ..	250.00	.00	.00	250.00
Prime Movers and Auxiliaries .....	250.00	.00	.00	250.00
Turbo-Generator Units	500.00	.00	.00	500.00
Elec. Plant—Steam ..	59,033.21	1,613.59	4,841.62	55,805.18
Transformer Station and Substation Equip. ..	40,617.45	<b>1,836.68</b>	2,579.19	36,201.58
Poles, Fixtures and Overhead Conductors	269,866.84	11,204.07	14,823.54	266,247.37
Underground Conduits .	74,441.31	1,052.17	1,643.76	73,849.72
Undergr'nd Conductors	67,046.86	6,835.70	2,284.49	71,598.07
Consumers' Meters ..	35,472.68	2,069.28	2,083.41	35,458.55
Consumers' Meters In- stallations .....	11,269.89	1,801.39	534.38	12,536.90
Line Transformers ....	32,631.20	60.31	1,554.93	31,136.58
Transformer Install'ns	3,976.94	55.00	223.77	3,808.17
Street Lighting Equip	19,884.37	2,218.44	1,853.07	20,249.74
Underground Conduits— Lowell & High Sts.	.00	2,077.28	.00	2,077.28
<b>TOTALS .....</b>	<b>\$647,322.06</b>	<b>\$ 68,099.11</b>	<b>\$ 33,318.50</b>	<b>\$682,102.67</b>

In our opinion, the additions to these accounts represent proper charges to plant investment.

Purchase of the property known as the "Black's Block Property", demolition of this property to the extent necessary, and the erection of a new building to provide suitable quarters for the offices and show-

rooms of the Municipal Light Plant were authorized at a special town meeting held on June 20, 1939.

The sum of \$36,000.00 was appropriated at the meeting for this purpose. At a special town meeting held on October 17, a further sum of \$5,000.00 was appropriated, said appropriation being met by transferring \$5,000.00 from the unexpended balance of the construction fund.

Expenditure of the above appropriations was allocated on the books as follows:

Land—25 Haven Street .....	\$ 7,459.46	
Building—25 Haven Street .....	25,489.10	\$ 32,948.56
<hr/>		
Land—High Street .....	\$ 1,601.10	
Building—High Street .....	6,398.90	8,000.00
<hr/>		
		\$ 40,948.56
Unexpended Balance .....		51.44
<hr/>		
TOTAL APPROPRIATION .....		\$ 41,000.00

Included in the net reduction in "Transformer Station and Substation Equipment" is a credit of \$2,100.00 representing a book adjustment of the December 31, 1938 balance, a corresponding charge having been made to "Other Deductions from Surplus".

Depreciation on plant investment accounts, based on 3 per cent of the cost at the beginning of the year, exclusive of land, was charged to operations for the year. Depreciation is applied directly against the asset accounts, and accordingly the balances shown in Exhibit "A" of this report represent depreciated values.

#### **Unfinished Construction—\$15,144.97**

Extension and enlargement of the underground system in the vicinity of Lowell and High Streets, Reading, was authorized at the annual town meeting held on March 15, 1939, and the sum of \$15,000.00 was appropriated for the purchase of materials and equipment necessary for this purpose, such appropriation to be used in co-operation with the Federal Government for a W. P. A. project. The expenditure of \$15,144.97 does not include the value of the Federal W. P. A. contribution to this project.

#### **General Equipment—\$14,038.57**

This item represents the book values of Office, Stores, Transportation, Laboratory and Miscellaneous equipment, which values, in our opinion, are conservatively stated.

#### **Construction Fund—\$4,261.16**

In accordance with Article 4 acted on at the town meeting held in March, 1939, the balance of the operating fund at December 31, 1939, amounting to \$4,242.88, was transferred to the Construction Fund.

**Construction Fund (New Building)—\$54.09**

The unexpended balance of the appropriation for the new building is held in this account pending authorization for transfer to the general construction fund.

**Depreciation Fund—\$4,218.02**

The unexpended balance of the depreciation fund, available for future construction, is represented by the above balance.

The total balance of the foregoing funds at December 31, 1939, was confirmed by the Town Accountant.

**Petty Cash Fund—\$250.00**

Funds held in the office for the purpose of petty expenditures and making change were counted on January 26, 1940 and were in agreement with the above amount.

**Consumers' Deposit Fund—\$9,376.54**

The above amount, on deposit with the Mechanics Savings Bank, represents deposits by consumers to guarantee payment of bills owing this Department. Verification was made by reference to a pass book issued by the Mechanics Savings Bank.

**Accounts Receivable—Consumers'—\$30,056.13**

The balance of this account represents amounts owing the Department as at December 31, 1939, on account of light and power billings to the close of the last cycle prior to December 31. Our verification comprised the checking of the balances of the various consumers' accounts with lists prepared by the office staff, the total of which was in agreement with the control account. No direct verification was made with consumers.

Accounts determined by the management as uncollectible and charged off during the year amounted to \$1,220.14. Collections on accounts previously charged off totaled \$313.02. A note receivable in the amount of \$428.43 was also charged off as uncollectible.

**Accounts Receivable—Miscellaneous—\$8,154.79**

A list of balances owing the Department as at December 31, 1939, on account of sales of miscellaneous appliances, jobbing sales and rentals was prepared by the office staff. Our verification consisted of identifying the balances per this list with the individual ledger accounts. No direct verification was made with the debtors.

Accounts totaling \$574.99 were written off as uncollectible and charged to "Merchandise Revenue" account.

**Materials and Supplies—\$55,668.68.**

We were advised that an inventory of all materials and supplies was taken at December 31, 1939 under the supervisions of the various department heads. A summary of that inventory is given as follows:

Material and Supplies—General .....	\$ 25,915.12
Street Lighting Supplies .....	259.28
Consumers' Installation Supplies .....	835.14
Transportation Supplies .....	551.01
<hr/>	
Sub-Total .....	\$ 27,560.55
Station Tools and Appliances .....	829.14
Distribution Tools and Appliances .....	6,447.42
Printing and Office Supplies .....	862.02
Lamps and Appliances .....	18,653.14
Coal Supply .....	393.06
Station Supplies .....	402.25
Leased Appliances (depreciated value) .....	521.10*
<hr/>	
TOTAL .....	\$ 55,668.68

\*This account represents the depreciated original installed cost as at December 31, 1939 of electric ranges and water heaters. These appliances are leased for periods of five and seven years respectively and for which the Department receives \$1.50 monthly rental for the stated lease periods. At the expiration of the lease periods and provided all installments have been paid, title passes to the consumer. Depreciation on this equipment has been taken at a rate sufficient to write off the original installed cost over the lease periods and has been applied to account no. 561—"Rent Electric Appliances".

We are advised that most of the inventory was priced at cost. In certain cases depreciated cost was used. Book values of these accounts were adjusted to conform with inventory values. All mathematical computations were checked by us.

**Prepaid Insurance—\$1,233.48**

The above balance represents the unexpired insurance premiums at December 31, 1939 as computed from insurance policies or invoices examined.

**Bonds Payable—\$26,000.00**

**Notes Payable—\$146,000.00**

At the Annual town meeting held in March, 1939, the Treasurer, with the approval of the Selectmen, was authorized to borrow \$15,000.00, said sum to be used for the extension and enlargement of the underground system.

In accordance therewith, notes in the amount of \$15,000.00 were issued, dated July 1, 1939, bearing interest at the rate of 1½ % per annum and payable \$2,000.00 per year for five years, and \$1,000.00 per year for the succeeding five years.

At a special town meeting held June 5, 1939, the refinancing of the note, due in December 1939 amounting to \$25,000.00, by notes payable in not more than ten years, was authorized.



In accordance therewith, notes in the amount of \$25,000.00 were issued, dated November 15, 1939, bearing interest at the rate of 1¼% per annum and payable \$3,000.00 per year for five years, and \$2,000.00 per year for the succeeding five years.

At a special town meeting held on June 20, 1939, the Treasurer, with the approval of the Selectmen, was authorized to borrow \$36,000.00, said sum to be appropriated for the acquiring of the property at High and Haven Street, known as "Black's Block" and the erection of a new building for the offices and showrooms of the Municipal Light Plant.

In accordance therewith, notes were issued in the amount of \$36,000.00, dated July 1, 1939, bearing interest at the rate of 1½% per annum, and payable \$2,000.00 per year for sixteen years and \$1,000.00 per year for the succeeding four years.

A total of \$5,500.00 in bonds and \$10,000.00 in notes were retired during the year. Confirmation of the bonds and notes outstanding December 31, 1939 was obtained from the Town Accountant.

A detail of bonds and notes issued during the year and changes in the accounts during the year is set forth in Schedule "3" of this report.

**Accounts Payable—\$35,192.34**

The liability of the Department on account of unpaid invoices at December 31, 1939, as reflected by the records, was \$35,192.34.

The total unpaid items, per the voucher register, was in agreement with the control account. The above balance may be aged as follows:

December 1939 Invoices .....	\$ 18,666.72
November 1939 Invoices .....	16,792.94
Prior .....	<u>267.32</u>
 TOTAL .....	 \$ 35,192.34

From records examined, it appeared that all invoices applicable to the year had been recorded.

**Consumers' Deposits — \$9,376.54**

As at December 31, 1939, the Department held the above amount representing deposits made by certain consumers to guarantee payment of bills owing the Department. This liability is offset by a separate fund on deposit with the Mechanics Savings Bank, previously described in this report under the caption "Consumers' Deposit Fund". The total of the balances shown by the individual consumers' accounts was in agreement with the above amount. Interest is paid on deposits held by the Department six months or more at the rate of four (4) per cent per annum.

### Accrued Items

Interest accrued on bonds and notes outstanding was computed by us.

Confirmation of the amount owing the Town Treasurer on account of a loan to this Department for petty cash purposes was received from the Town Accountant.

Premium on bonds represents the excess of cash received over the par value of notes issued July 1, 1939, and will be applied to principal payments to be made in 1940 on these notes.

### Loans Repayment—\$417,900.00

The balance of this account reflects an increase of \$15,500.00 during the year which represents the amount of bonds and notes retired during 1939. The above balance may be summarized as follows:

	Total Issued	Balance Outstanding	Total Retired
Bonds .....	\$322,500.00	\$ 26,000.00	\$296,500.00
Notes .....	267,400.00	146,000.00	121,400.00
	<hr/>	<hr/>	<hr/>
TOTALS .....	\$589,900.00	\$172,000.00	\$417,900.00

The note of \$25,000.00 due in December, 1939 and refinanced by notes totaling \$25,000.00 dated November 15, 1939, has been eliminated from the above summary and from Schedule "3".

See Schedule "3" of this report for further detail of above.

### Appropriation for Construction Repayment—\$30,678.26

This account represents amounts appropriated by the Town from tax levy for the benefit of this Department, and which have been fully repaid to the Town by the Department.

### Profit and Loss—\$157,681.61.

The increase in the profit and loss account amounted to \$4,577.88 for the year. A detail of this increase is set forth in Exhibit "C" of this report.

The net income of the Department for the year amounted to \$46,661.79 before bond and note retirement, payment to the Town Treasurer and miscellaneous adjustments. A detail of net income is shown in Exhibit "B".

## COMMENTS AND EXPLANATIONS OF OPERATIONS

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A summary of the increase in net income for the year 1939 over 1938 is as follows:

Items	Increase Decrease*
Total Operating Revenue .....	\$ 18,380.64
Total Operating Expenses .....	10,313.43
Net Operating Revenue .....	\$ 8,067.21
Deductions from Operating Revenue .....	685.09*
Net Operating Income .....	\$ 8,753.30
Non-Operating Income .....	443.07
Total Income .....	\$ 9,196.37
Deductions from Total Income .....	3,703.18
NET INCOME .....	\$ 5,493.19

Examination of Schedule "B" will show a decrease in "New Business" expense of \$6,291.43 and an increase in "Merchandise and Jobbing Loss" of \$4,173.58. A change in accounting procedure whereby most of the expenses charged to "New Business" in prior years are now charged to "Merchandise Revenue" accounts to a great extent for this variation.

The increase in total operating revenue is due mainly to a substantial increase in sales of "Wholesale Power" and to the fact that revenue for 1938 was adversely affected by the interruption of service caused by the hurricane of September 21, 1938.

Kilowatt hours sold during 1939 totaled 9,409,182 as compared with 8,400,252 for 1938. The average revenue per kilowatt hour sold in 1939 was \$.0354 as compared with \$.0375 for 1938.

A comparative tabulation of kilowatt hours purchased, sold, used and unaccounted for, as shown by the records of the Department, is set forth in Schedule "4" of this report.

## OTHER COMMENTS

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At the annual town meeting held in March 1939, it was voted that there be included in the tax levy for electricity used for street lights, the sum of fourteen thousand dollars, and that said sum and the income from sales of electricity to private consumers and for

electricity supplied for municipal power, and from sales of appliances and jobbing during the current fiscal year, be appropriated for the Municipal Lighting Plant, and that the sum of twelve thousand dollars be appropriated from the said receipts of the department for the sale, installation and servicing of merchandise, equipment, utensils and chattels, as provided in Section 34, of Chapter 164 of the General Laws, said appropriations to be expended by the Manager of Municipal Lighting, under the direction and control of the Municipal Light Board, for the expense of the plant, including the sale, installation and servicing of merchandise, equipment, utensils and chattels, as defined in Chapter 164 of the General Laws, or any amendments thereof or additions thereto, and that if said sum and said income shall exceed said expense for said fiscal year, twenty-four thousand dollars shall be turned over to the Town Treasurer out of the profits of the Municipal Light Department, and the balance shall be transferred to the Construction Fund of said plant and appropriated and used for such additions thereto as may be authorized by the Municipal Light Board.

The excess of income over expenses for 1939, as defined in Section 57 of Chapter 164 of the General Laws, amounted to \$28,577.88.

The Department turned over \$24,000.00 to the Town Treasurer in accordance with the above vote.

A contingent liability in the amount of \$21,633.63 existed at December 31, 1939 on account of leases received from installment sales of electrical appliances and which were discounted with the First National Bank of Reading.

The Department carries a blanket policy bonding all employees of the Department in the amount of \$2,500.00 each. Additional coverage is carried as follows:

Manager .....	\$ 2,500.00
Office Manager .....	2,500.00
Cashiers (2) .....	2,500.00 each
Collectors (2) .....	500.00 each

We have made a series of tests of the operating accounts for the year in order to satisfy ourselves of their general accuracy.

The accompanying exhibits and schedules have been prepared on the basis of and are subject to the comments hereinbefore stated.

For your convenience, these exhibits and schedules are set up in accordance with the "Uniform System of Accounts for Municipal Lighting Plants" as prescribed by the Department of Public Utilities of Massachusetts.

Respectfully submitted,

CHARLES E. STANWOOD & COMPANY

**EXHIBIT "A"**  
**TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT**  
**COMPARATIVE BALANCE SHEET**

**AS AT**  
**December 31, 1939 and 1938**  
**ASSETS**

				Increase Decrease*
	Plant Investment	1939	1938	
111	Land .....	\$ 2,575.80	\$ 2,575.80	\$ .00
111-1	Land—25 Haven Street ....	7,459.46	.00	7,459.46
111-2	Land—High Street .....	1,601.10	.00	1,601.10
113	Structures .....	28,609.17	29,505.51	896.34*
113-1	Structures—25 Haven St. ..	25,489.10	.00	25,489.10
113-2	Structures—High St. ....	6,398.90	.00	6,398.90
114	Boiler Plant Equipment ...	250.00	250.00	.00
115	Prime Movers and Auxil- iaries .....	250.00	250.00	.00
116	Turbo-Generator Units ....	500.00	500.00	.00
117	Electric Plant—Steam ....	55,805.18	59,033.21	3,228.03*
123	Transformer Station and Substation Equipment ....	36,201.58	40,617.45	4,415.87*
125	Poles, Fixtures & Overhead Conductors .....	266,247.37	269,866.84	3,619.47*
126	Underground Conduits ....	75,927.00	74,441.31	1,485.69
127	Underground Conductors .	71,598.07	67,046.86	4,551.21
128	Consumers' Meters .....	35,458.55	35,472.68	14.13*
129	Consumers' Meter Installa- tions .....	12,536.90	11,269.89	1,267.01
130	Line Transformers .....	31,136.58	32,631.20	1,494.62*
131	Transformer Installations ..	3,808.17	3,976.94	168.77*
132	Street Lighting Equipment	20,249.74	19,884.37	365.37
<b>TOTAL PLANT EQUIPMENT</b>		<b>\$682,102.67</b>	<b>\$647,322.06</b>	<b>\$ 34,780.61</b>
<b>General Equipment:</b>				
150	Office .....	\$ 5,580.30	\$ 5,006.50	\$ 573.80
152	Stores .....	433.67	456.50	22.83*
153	Transportation .....	5,411.00	4,840.00	571.00
154	Laboratory .....	1,630.66	1,643.47	12.81*
155	Miscellaneous .....	982.94	385.26	597.68
<b>TOTAL GENERAL EQUIPM'T</b>		<b>\$ 14,038.57</b>	<b>\$ 12,331.73</b>	<b>\$ 1,706.84</b>
201-3	Unfinished Construction ..	\$ 15,144.97	\$ .00	\$ 15,144.97
<b>TOTAL INVESTMENT .....</b>		<b>\$711,286.21</b>	<b>\$659,653.79</b>	<b>\$ 51,632.42</b>

**Current Assets:**

204-2	Construction Fund .....	\$ 4,261.16	\$ 5,018.28	\$ 757.12*
204-5	Construction Fund (New Building) .....	54.09	.00	54.09
204-3	Petty Cash Fund .....	250.00	250.00	.00
205-1	Depreciation Fund .....	4,218.02	.00	4,218.02
205-2	Consumers' Deposit Fund .	9,376.54	9,329.54	47.00
206	Notes Receivable .....	.00	428.43	428.43*
207-1	Accounts Receivable—Consumers' .....	30,056.13	30,876.16	820.03*
207-2	Accounts Receivable—Miscellaneous .....	8,154.79	10,242.33	2,087.54*
209-1	Materials and Supplies—General .....	27,560.55	33,108.35	5,547.80*
2	Station Tools & Appliances	829.14	749.32	79.82
3	Distributions Tools and Appliances .....	6,447.42	5,894.02	553.40
4	Printing & Office Supplies	862.02	813.33	48.69
5	Lamps and Appliances ....	18,653.14	17,396.59	1,256.55
5A	Leased Appliances (Depreciated) .....	521.10	1,225.35	704.25*
6	Coal Supplies .....	393.06	739.80	346.74*
9	Station Supplies .....	402.25	222.38	179.87
TOTAL CURRENT ASSETS ..		\$112,039.41	\$116,293.88	\$ 4,254.47*

**Prepaid Items:**

214	Prepaid Insurance .....	\$ 1,233.48	\$ 1,184.18	\$ 49.30
GRAND TOTALS .....		\$824,559.10	\$777,131.85	\$ 47,427.25

**LIABILITIES AND PROFIT AND LOSS**

	1939	1938	Increase Decrease*
<b>Bonds and Notes Payable:</b>			
305 Bonds Payable .....	\$ 26,000.00	\$ 31,500.00	\$ 5,500.00*
306 Notes Payable .....	146,000.00	105,000.00	41,000.00



	1939	1938	Increase Decrease*
TOTAL BONDS AND NOTES			
PAYABLE .....	\$172,000.00	\$136,500.00	\$ 35,500.00

**Current Liabilities:**

308 Accounts Payable .....	\$ 35,192.34	\$ 44,275.16	\$ 9,082.82*
309 Consumers' Deposits .....	9,376.54	9,329.54	47.00
TOTAL CURRENT LIABILITIES	\$ 44,568.88	\$ 53,604.70	\$ 9,035.82*

**Accrued Items:**

314 Interest Accrued on Bonds and Notes .....	\$ 924.48	\$ 595.16	\$ 329.32
315 Other Accrued Items— Loan due Town Treasurer	250.00	250.00	.00
316 Premium on Bonds .....	555.87	.00	555.87
TOTAL ACCRUED ITEMS ....	\$ 1,730.35	\$ 845.16	\$ 885.19

**Appropriated Surplus:**

322 Loans Repayment .....	\$417,900.00	\$402,400.00	\$ 15,500.00
323 Appropriation for Con- struction Repayment .....	30,678.26	30,678.26	.00
TOTAL APPROPRIATED SUR- PLUS .....	\$448,578.26	\$433,078.26	\$ 15,500.00

**Profit and Loss:**

400 Profit and Loss Balance (See Exhibit "C") .....	\$157,681.61	\$153,103.73	\$ 4,577.88
GRAND TOTALS .....	\$824,559.10	\$777,131.85	\$ 47,427.25

# EXHIBIT "B"

## TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT COMPARATIVE STATEMENT OF OPERATIONS FOR THE YEARS ENDED DECEMBER 31, 1939 AND 1938

		Increase		Ratios	
Revenue from Sales—Electric Energy:		1939	1938	1939	1938
501	Metered Sales — Residence Lighting .....	\$225,179.98	\$212,064.33	\$ 13,115.65	67.4 67.2
	Metered Sales — Commercial Service .....	43,340.60	40,965.06	2,375.54	13.0 13.0
	Metered Sales — Wholesale Power .....	19,701.15	8,851.10	10,850.05	5.9 2.8
	Metered Sales—Retail Power .....	7,652.16	14,199.23	6,547.07*	2.3 4.5
505	Sales to Other Companies .....	1,371.87	1,163.83	208.04	.4 .4
	Street Lighting .....	26,369.26	28,846.93	2,477.67*	7.9 9.1
	Municipal Buildings—Light and Power .....	9,619.84	9,135.24	484.60	2.9 2.9
TOTAL REVENUE FROM SALES—ELECTRIC ENERGY .....		\$333,234.86	\$315,225.72	\$ 18,009.14	99.8 99.9
508	Rent from Property Used in Operations .....	616.18	244.68	371.50	.2 .1
TOTAL OPERATING REVENUE .....		\$333,851.04	\$315,470.40	\$ 18,380.64	100.0 100.0
Electric Operating Expenses:					
I	Production .....	\$121,665.67	\$110,687.83	\$ 10,977.84	36.5 35.1
II	Transmission and Distribution .....	62,115.03	56,916.80	5,198.23	18.6 18.0
III	Utilization .....	11,457.19	10,004.32	1,452.87	3.4 3.2
IV	Commercial .....	16,400.35	16,254.11	146.24	4.9 5.2
V	New Business .....	379.57	6,671.00	6,291.43*	.1 2.1
VI	General and Miscellaneous .....	59,821.89	60,992.21	1,170.32*	17.9 19.3
TOTAL OPERATING EXPENSES .....		\$271,839.70	\$261,526.27	\$ 10,313.43	81.4 82.9

NET OPERATING REVENUE .....	\$ 62,011.34	\$ 53,944.13	\$ 8,067.21	18.6	17.1
<b>Deductions:</b>					
550 Uncollectible Operating Revenue .....	\$ 1,335.55	\$ 1,933.04	\$ 597.49*		
551 Taxes Assignable to Electric Operations .....	4,683.00	4,771.60	88.60*		
TOTAL DEDUCTIONS .....	\$ 6,018.55	\$ 6,704.64	\$ 686.09*		
NET OPERATING INCOME .....	\$ 55,992.79	\$ 47,239.49	\$ 8,753.30		
<b>Non-Operating Income:</b>					
562 Miscellaneous Rent Income .....	\$ 435.80	\$ .00	\$ 435.80		
566 Miscellaneous Non-operating Income .....	620.04	612.77	7.27		
TOTAL NON-OPERATING INCOME .....	\$ 1,055.84	\$ 612.77	\$ 443.07		
TOTAL INCOME	\$ 57,048.63	\$ 47,852.26	\$ 9,196.37		
<b>Deductions from Total Income:</b>					
560 Merchandise and Jobbing Loss .....	\$ 7,156.59	\$ 2,983.01	\$ 4,173.58		
561 Rent Electric Appliances .....	47.04	535.26	488.22*		
576 Interest on Bonds and Notes .....	3,121.21	3,117.90	3.31		
563 Interest Expense .....	62.00	47.49	14.51		
TOTAL DEDUCTIONS FROM INCOME .....	\$ 10,386.84	\$ 6,683.66	\$ 3,703.18		
NET INCOME—TRANSFERRED TO PROFIT AND LOSS EXHIBIT "C" .....	\$ 46,661.79	\$ 41,168.60	\$ 5,493.19		

# EXHIBIT "C"

## TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT COMPARATIVE ANALYSIS OF PROFIT AND LOSS

For the Years Ended December 31, 1939 and 1938

	1939	1938	Increase Decrease*
Balance—Beginning of Year .....	\$153,103.73	\$151,915.96	\$ 1,187.77

### Additions:

Net Income—Transferred from Statement of Operations — Exhibit "B" .....	46,661.79	41,168.60	5,493.19
Premium on Bonds .....	.00	319.80	319.80*
	<hr/>	<hr/>	<hr/>
	\$199,765.52	\$193,404.36	\$ 6,361.16

### Deductions:

Bonds and Notes Retired ..	\$ 15,500.00	\$ 15,500.00	\$ .00
Funds Turned Over to Town Treasurer in Accordance with Votes of the Town .....	24,000.00	24,000.00	.00
Allowance for Rentals Paid in prior year on Purchase of Electric Ranges .....	102.00	155.75	53.75*
Loss on Sale or Abandonment of Transformers .....	381.91	644.88	262.97*
Adjustment of Transformer Account .....	2,100.00	.00	2,100.00
	<hr/>	<hr/>	<hr/>
	\$ 42,083.91	\$ 40,300.63	\$ 1,783.28
Balance—End of Year (See Ex- hibit "A") .....	<hr/>	<hr/>	<hr/>
	\$157,681.61	\$153,103.73	\$ 4,577.88
Net Increase or Decrease* in Profit and Loss for Year .....	\$ 4,577.88	\$ 1,187.77	

## SCHEDULE "1"

### TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT COMPARATIVE CLASSIFIED STATEMENT OF INCOME

For the Years Ended December 31, 1939 and 1938

	1939	1938	Increase Decrease*
<b>Metered Sales—Residence Lighting:</b>			
Reading .....	\$127,869.59	\$122,763.47	\$ 5,106.12
Lynnfield .....	19,104.68	17,728.46	1,376.22
North Reading .....	29,338.32	26,996.74	2,341.58
Wilmington .....	48,867.39	44,575.66	4,291.73
<b>Total Residence Lighting</b>	<u>\$225,179.98</u>	<u>\$212,064.33</u>	<u>\$ 13,115.65</u>
<b>Metered Sales—Commercial Service:</b>			
Reading .....	\$ 26,717.20	\$ 25,830.77	\$ 886.43
Lynnfield .....	1,204.97	1,399.56	194.59*
North Reading .....	6,750.88	5,392.64	1,358.24
Wilmington .....	8,667.55	8,342.09	325.46
<b>Total Commercial Service</b>	<u>\$ 43,340.60</u>	<u>\$ 40,965.06</u>	<u>\$ 2,375.54</u>
<b>Metered Sales—Wholesale Power:</b>			
Reading .....	\$ 18,055.60	\$ 7,303.59	\$ 10,752.01
Lynnfield .....	.00	.00	.00
North Reading .....	1,645.55	1,547.51	98.04
Wilmington .....	.00	.00	.00
<b>Total Wholesale Power</b>	<u>\$ 19,701.15</u>	<u>\$ 8,851.10</u>	<u>\$ 10,850.05</u>
<b>Metered Sales—Retail Power:</b>			
Reading .....	\$ 4,067.92	\$ 11,112.50	\$ 7,044.67*
Lynnfield .....	792.15	723.26	68.89
North Reading .....	928.61	735.23	193.38
Wilmington .....	1,863.48	1,628.15	235.33
<b>Total Retail Power</b>	<u>\$ 7,652.16</u>	<u>\$ 14,199.23</u>	<u>\$ 6,547.07*</u>

# SCHEDULE "1" Continued

	1939	1938	Increase Decrease*
<b>Total Metered Light, Heat and Power Income ...</b>	\$295,873.89	\$276,079.72	\$ 19,794.17
<b>Sales to Other Electric Companies:</b>			
Wakefield .....	\$ 423.46	\$ 350.62	\$ 72.84
Lowell .....	97.91	59.58	38.33
Lawrence .....	745.48	662.50	82.98
Peabody .....	9.00	8.80	.20
Middleton .....	3.75	.00	3.75
Boston Edison Company ....	92.27	82.33	9.94
<b>Total Sales to Other Com- panies</b>	<b>\$ 1,371.87</b>	<b>\$ 1,163.83</b>	<b>\$ 208.04</b>
<b>Municipal Revenue:</b>			
<b>Street Lighting:</b>			
Reading .....	\$ 14,009.88	\$ 15,021.00	\$ 1,011.12*
Lynnfield .....	2,362.68	2,265.37	97.31
North Reading .....	4,772.58	4,555.47	217.11
Wilmington .....	5,224.12	7,005.09	1,780.97*
<b>Total Street Lighting In- come</b>	<b>\$ 26,369.26</b>	<b>\$ 28,846.93</b>	<b>\$ 2,477.67*</b>
<b>Buildings:</b>			
Lighting and Heat .....	\$ 2,862.68	\$ 2,648.02	\$ 214.66
Power—Retail and Wholesale	6,757.16	6,487.22	269.94
<b>Total Income—Municipal Buildings</b>	<b>\$ 9,619.84</b>	<b>\$ 9,135.24</b>	<b>\$ 484.60</b>
<b>Total Income from Sales— Electric Energy</b>	<b>\$333,234.86</b>	<b>\$315,225.72</b>	<b>\$ 18,009.14</b>
(See Exhibit "B")			



## SCHEDULE "2"

### TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT COMPARATIVE CLASSIFIED STATEMENT OF OPERATING EXPENSES

For the Years Ended December 31, 1939 and 1938

		1939	1938	Increase Decrease*
<b>I Production Expenses:</b>				
611	Maintenance of Station Structures .....	\$ 228.58	\$ 413.81	\$ 185.23*
612	Maintenance of Boiler Plant Equipment .....	266.07	25.00	241.07
614	Maintenance of Turbo-Generator Units .....	30.97	.00	30.97
616	Maintenance of Accessory Electric Equipment .....	.00	55.89	55.89*
617	Maintenance of Miscellaneous Power Plant Equip.	18.28	.00	18.28
634	Electric Energy Purchased	121,121.77	110,193.13	10,928.64
<b>Total Production Expenses</b>		<u>\$121,665.67</u>	<u>\$110,687.83</u>	<u>\$ 10,977.84</u>
<b>II Transmission and Distribution Expenses:</b>				
636	Transformer Station and Sub-station Superintendence and Labor .....	\$ 8,940.35	\$ 9,191.67	\$ 251.32*
637	Transformer Station and Sub-Station Supplies and expense .....	1,062.81	703.05	359.76
638	Operation of Transmission and Distribution Lines ...	20,985.97	21,882.18	896.21*
639	Transmission and Distribution Supplies and Expense	824.30	1,121.81	297.51*
640	Inspecting and Testing Meters .....	1,511.60	1,436.43	75.17
641	Removing and Resetting Meters .....	3,410.54	4,119.78	709.24*
642	Removing and Resetting Transformers .....	253.20	427.71	174.51*
645	Maintenance of Transformer Station and Sub-Station Structures .....	123.42	.00	123.42

# **SCHEDULE "2" Continued**

	1939	1938	Increase Decrease*
646 Maintenance of Transformer Station and Sub-station Equipment .....	1,087.76	539.34	548.42
647 Maintenance of Transmission and Distribution Lines	21,554.44	13,295.38	8,259.06
647-2 Maintenance of Transmission and Distribution Lines (Highway Construction) .	651.49	3,314.32	2,662.83*
648 Maintenance of Underground Conduits .....	26.65	16.62	10.03
648-2 Maintenance of Underground Conduits (Highway Construction) .....	449.44	.00	449.44
650 Maintenance of Consumers' Meters .....	623.03	472.91	150.12
651 Maintenance of Transformers .....	610.03	395.60	214.14

## **Total Transmission and Distribution Expenses** ..

\$ 62,115.03	\$ 56,916.80	\$ 5,198.23
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## **III Utilization Expenses:**

654 Operation of Municipal Street Lamps .....	\$ 2,572.97	\$ 2,879.32	\$ 306.35*
657 Maintenance of Municipal Street Lamps .....	1,934.37	996.26	938.11
659 Maintenance of Consumers' Installations .....	6,949.85	6,128.74	821.11

## **Total Utilization Expenses**

\$ 11,457.19	\$ 10,004.32	\$ 1,452.87
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## **Total Production, Trans- mission and Distribution and Utilization Expenses** ..

\$195,237.89	\$177,608.95	\$ 17,628.94
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## **IV Commercial Expenses:**

660 Commercial Salaries .....	\$ 11,465.95	\$ 11,051.31	\$ 414.64
661 Commercial Supplies & Expenses .....	4,934.40	5,202.8\$	268.40*

# SCHEDULE "2" Continued

	1939	1938	Increase Decrease*
<b>Total Commercial Expenses</b>	<u>\$ 16,400.35</u>	<u>\$ 16,254.11</u>	<u>\$ 146.24</u>
<b>V New Business Expenses:</b>			
662 New Business Salaries ....	\$ 63.57	\$ 3,040.02	\$ 2,976.45*
663 New Business Supplies and Expenses .....	.00	27.46	27.46*
664 Advertising .....	<u>316.00</u>	<u>3,603.52</u>	<u>3,287.52*</u>
<b>Total New Business Ex- penses</b> .....	<u>\$ 379.57</u>	<u>\$ 6,671.00</u>	<u>\$ 6,291.43*</u>
<b>VI—Miscellaneous and General Expenses:</b>			
666 Salary of Manager .....	\$ 5,980.00	\$ 5,980.00	\$ .00
667 Salaries of General Office Clerks .....	8,170.18	7,976.88	193.30
668 General Office Supplies and Expenses .....	1,734.44	2,235.75	501.31*
668-1 General Office Expense (Moving) .....	629.16	.00	629.16
669 General Office Rents .....	619.85	1,193.25	573.40*
671 Insurance .....	2,025.86	2,243.53	217.67*
673 Accidents and Damages ...	34.59	25.84	8.75
674 Stores Expense .....	2,942.50	3,427.64	485.14*
675 Transportation Expense ..	3,044.63	2,458.02	586.61
676 Inventory Adjustments ....	783.00	2,260.08	1,477.08*
677 Maintenance of General Structures .....	173.99	561.11	387.12*
677-1 Maintenance of General Structures (New Bldg) ..	138.53	.00	138.53
678 Depreciation .....	33,318.50	32,339.39	979.11
679 Miscellaneous General Ex- pense .....	<u>226.66</u>	<u>290.72</u>	<u>64.06*</u>
<b>Total Miscellaneous and General Expenses</b> .....	<u>\$ 59,821.89</u>	<u>\$ 60,992.21</u>	<u>\$ 1,170.32*</u>
<b>Total Operating Expenses</b> .	<u>\$271,839.70</u>	<u>\$261,526.27</u>	<u>\$ 10,313.43</u>

# SCHEDULE "3"

## TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT BONDS AND NOTES AUTHORIZED, ISSUED AND OUTSTANDING AS AT DECEMBER 31, 1939

BONDS:												Amount	
No. of Issue	Date Authorized	Date Issued	Amount of Original Issue	Payments of Principal	Rate of Interest	Interest Payable	Amount Retired to Jan. 1, '39	Amount Retired During '39	Out- Standing December 31, '39	Accrued Interest December 31, '39			
8	October 1918	1- 1-1919	\$ 12,000.00	1,000. 500. yearly	4 Yrs. 4½% 16 Yrs.	January 1-July 1	\$ 11,500.00	\$ 500.00	\$ .00	\$ .00			
9	March 1919	4- 1-1919	20,000.00	1,000. yearly	20 Yrs. 4¾	October 1-April 1	19,000.00	1,000.00	.00	.00			
10	March 1920	5- 1-1920	20,000.00	1,000. yearly	20 Yrs. 5	Nov. 1-May 1	18,000.00	1,000.00	1,000.00	8.34			
13	March 1930	6- 1-1930	15,000.00	2,000. 1,000. yearly	5 Yrs. 4 5 Yrs.	June 1-December 1	13,000.00	1,000.00	1,000.00	3.33			
14	March 1931	4-15-1931	40,000.00	2,000. yearly	20 Yrs. 3½	October 15-April 15	14,000.00	2,000.00	24,000.00	175.00			
			\$107,000.00								\$ 26,000.00	\$ 186.67	
Retired prior to Jan. 1, '39			215,500.00										
Total Bonds			\$322,500.00										

# NOTES

17	March 1934	5-15-1934	\$ 20,000.00	\$2,000.	yearly	10 Yrs. 3	May 15-November 15	\$ 8,000.00	\$ 2,000.00	\$ 10,000.00	\$ 37.50
18	March 1935	6-15-1935	20,000.00	2,000.	yearly	10 Yrs. 1¾	June 15-December 15	6,000.00	2,000.00	\$ 12,000.00	8.75
19	March 1937	4- 1-1937	60,000.00	6,000.	yearly	10 Yrs. 2¾	April 1-October 1	6,000.00	6,000.00	48,000.00	270.00
21	March 1939	7- 1-1939	15,000.00	2,000.	yearly	5 Yrs. 1½	July 1-January 1	.00		15,000.00	112.50
				1,000.	yearly	5 Yrs.					
22	June 1939	7- 1-1939	36,000.00	2,000.	yearly	16 Yrs. 1½	July 1-January 1	.00		36,000.00	270.00
				1,000.	yearly	4 Yrs.					
23	June 1939	11-15-1939	25,000.00	3,000.	yearly	5 Yrs. 1¾	May 15-November 15	.00		25,000.00	39.06
				2,000.	yearly	5 Yrs.					
Retired prior to Jan. 1, 1939			\$176,000.00					\$ 20,000.00	\$ 10,000.00	\$146,000.00	\$ 737.81
			91,400.00					91,400.00			
TOTAL NOTES			\$267,400.00					\$111,400.00			
TOTAL BONDS & NOTES			\$589,900.00					\$402,400.00	\$ 15,500.00	\$172,000.00	\$ 924.48

# SCHEDULE "4"

## TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT COMPARATIVE DETAIL OF KILOWATT HOURS PURCHASED, SOLD AND USED

For the Years Ended December 31, 1939 and 1938

Kilowatt Hours:	1939	1938	Increase Decrease*
Generated .....	00	00	00
Purchased .....	10,525,000	9,453,053	1,071,947
<b>TOTAL</b> .....	<b>10,525,000</b>	<b>9,453,053</b>	<b>1,071,947</b>
<b>Kilowatt Hours Sold:</b>			
Residence Service .....	5,441,984	5,076,569	365,415
Commercial Service .....	1,270,590	1,177,962	92,628
Commercial Power—Retail ..	168,014	498,040	330,026*
Commercial Power—Wholesale	1,291,740	469,054	822,686
Municipal Service .....	135,174	121,598	13,576
Municipal Power—Wholesale	363,562	329,400	34,162
Municipal Power—Retail ....	2,466	2,502	36*
Co-operative Re-sale Service ..	43,258	36,455	6,803
Street Lighting .....	692,394	688,672	3,722
<b>TOTAL KILOWATT HOURS SOLD</b> .....	<b>9,409,182</b>	<b>8,400,252</b>	<b>1,008,930</b>
Kilowatt Hours used at Sta- tion, office and garage and miscellaneous .....	88,087	82,788	5,299
Kilowatt Hours used for Christ- mas Illumination .....	10,791	4,172	6,619
Kilowatt Hours Unaccounted for .....	1,016,940	965,841	51,099
<b>TOTAL</b> .....	<b>10,525,000</b>	<b>9,453,053</b>	<b>1,071,947</b>
Per Cent Unaccounted for ..	9.66%	10.22%	



## REPORT OF THE TREE WARDEN

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February 13, 1940

To the Honorable Board of Selectmen,  
Reading, Massachusetts.  
Gentlemen:

As Tree Warden and Moth Superintendent for the Town of Reading your attention is respectfully invited to the following report:

This department during the summer of 1939 planted four hundred shade trees and there seems to be a growing demand for this service.

It has been necessary for the Moth Department to increase their service on spraying in order to suppress and keep under proper control.

Respectfully submitted,

HENRY M. DONEGAN,  
Superintendent.

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## REPORT OF SEALER OF WEIGHTS AND MEASURES

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To the Honorable Board of Selectmen,  
Gentlemen:

The following table is a summary of the work completed by the Department of Weights and Measures of the Town of Reading for the year 1939.

In addition to the testing and sealing of all scales, weights, measures and gasoline pumps, you will note that several inspections were made and also many re-weighings of commodities that were put up for sale. I can report at this time that the many scales in the stores and the numerous gasoline pumps are in very good condition.

### Work Performed from Jan. 1, 1939 to Dec. 31, 1939

	Adjusted	Sealed	Not Sealed	Con-demned
<b>1. Scales:</b>				
Platform, 100 to 5,000 lbs. ..	3	4		
Counter, under 100 lbs. ....	8	18		
Spring, 100 to 5,000 lbs. ....	1	5		
Spring, under 100 lbs. ....	20	29		
Computing, under 100 lbs. ..	14	25	3	
Person weighers, slot .....		6		

	Adjusted	Sealed	Not Sealed	Con-demned
<b>2. Weights:</b>				
Avoirdupois .....		78		
<b>3. Volumetric Measures:</b>				
Liquid Measures .....		2		
Dry Measures .....		4		
<b>4. Automatic Liquid Measuring Devices:</b>				
Gasoline Pumps .....	16	88		1
<b>5. Linear Measures:</b>				
Yard Sticks .....		16		
	<hr/> 62	<hr/> 275	<hr/> 3	<hr/> 1

**Trial Weighings and Measurements of Commodities Sold or Put Up For Sale**

Commodity	Total No. Tested	No. Correct	Incorrect	
			Under	Over
Beans .....	6	6		
Bread .....	20	10	2	8
Butter .....	8	8		
Coal in paper bags .....	10	7	1	2
Dry Commodities .....	28	19	2	7
Flour .....	4	4		
Fruits and Vegetables .....	8	6		2
Grains and Feed .....	8	8		
Ice .....	6	2	1	3
Meats and Provisions .....	10	9	1	
Potatoes .....	18	10	2	6
	<hr/> 126	<hr/> 89	<hr/> 9	<hr/> 28

**Summary of Inspections**

Paper and fibre cartons .....	2
Pedlers' licenses .....	4
Pedlers' scales .....	2
Ice scales .....	3
Junk scales .....	1
Marking of bread .....	2
Coal in paper bags .....	3

Respectfully submitted,

CARL M. SMITH,  
Sealer of Weights and Measures.

ANNUAL REPORT  
OF THE  
SCHOOL COMMITTEE  
OF THE  
TOWN OF READING, MASSACHUSETTS  
For the Year ended December 31,  
1939

## ADMINISTRATIVE OFFICERS

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### School Committee

Howard T. Clinch, 4 Perkins Avenue	Term expires 1940
Mrs. Esther D. Twombly, 47 Highland St.	Term expires 1940
Irving C. Austin, 180 Prescott Street	Term expires 1941
Frank D. Tanner, Chairman, 124 Oak Street	Term expires 1941
Miss Margaret Canty, 67 Mineral Street	Term expires 1942
Dr. Charles R. Wakeling, 25 Linden Street	Term expires 1942

### School Committee Office

Grouard House, 25 School Street	Telephone Reading 0180
Open daily, 8:00 a. m. to 5:00 p. m.	Saturday, 9:00 a. m. to 12 m.
Vacations, 9:00 a. m. to 5:00 p. m.	

### Superintendent of Schools

E. C. Grover, 50 Pratt Street	Tel. Res. 0479; office 0180
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### Secretary to Superintendent

Ruth C. Roberts, 50 Temple Street.	Tel. Res. 0551-M; office 0180
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### School Committee Clerk

Helen M. Pratt, 47 Mt. Vernon Street	Tel. Res. 0117-M; office 0180
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### Supervisor of Attendance

Josephine L. Fowler, 65 Temple Street	Tel. Res. 0488-J; office 0180
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### School Physician

Dr. Charles R. Henderson, 220 Woburn Street	Telephone 0580
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### School Nurse

Margaret B. Clewley, 131 Pleasant St., Woburn.	
	Tel. Res. 0316; office 1475

## NO SCHOOL SIGNALS

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Fire alarm 2-2 repeated three times,

Street lights turned on for five minutes

Radio announcement when possible over WNAC and WEEI between  
7:00 and 7:45 a. m.

7:15 a. m. for Senior High School

7:30 a. m. for Junior High School

7:45 a. m. for Grades 1—6 inclusive, morning session.

12:30 p. m. for Grades 1—6 inclusive, afternoon session.

EVEN WHEN THERE HAS BEEN NO SCHOOL IN THE MORNING FOR THE FIRST SIX GRADES, THERE WILL BE SCHOOL IN THE AFTERNOON UNLESS THE NO-SCHOOL SIGNAL IS GIVEN.

High School sessions will be called off only in cases of extremely severe weather or other emergencies. None of the schools will be closed except in severe weather, but it is hoped that parents will at all times use discretion as to whether their children should attend, even when the schools are in session.

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## SCHOOL CLINICS

Dental, Wednesday and Friday at the Grouard House, 9-12 and 1-4.

Pre-School, at the Town Building, Room 19, every Tuesday, 2-4 p. m.

Tuberculosis Prevention annually by announcement.

Diphtheria Prevention, annually by announcement.

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## SCHOOL JANITORS

High School:

John Maguire, 21 Fairview Ave. .... Telephone: 0581-W

Charles Cummings, 22 Haven St. ....

Mary J. Kennedy, 80 Washington St. ....

Junior High School:

Henry W. Bryden, 64 Village St. .... 1567-W

Walter Smith, 36 Temple St. .... 1445-M

Fred Riessle, 10 King St. .... 1199-M

Agnes Hurley, 23 King St. ....

### School Janitors Continued

Highland School:	
James L. Healey, 201 West St. ....	0047-M
Arthur H. Cook, 198 High St. ....	
Emma Tibbets, 25 School St. ....	0460-M
Center and Union Street schools:	
Edward McBrien, 213 Forest St. ....	0228
Prospect St. and Chestnut Hill schools:	
Leander Smith, 193 High St. ....	1325
Lowell St. School:	
Sylvanus L. Thompson, 14 Intervale Ter. ....	0827

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### SCHOOL SCHEDULE

#### January, 1940 to June, 1941, Inclusive

Schools open	January 3, 1940
Winter Vacation week of	February 18, 1940
Spring Vacation week of	April 14, 1940
No Sessions:	
Memorial Day	May 30, 1940
Bunker Hill Day	June 17, 1940
Schools close for summer	June 21, 1940
<hr style="width: 20%; margin: 10px auto;"/>	
Schools open	September 4, 1940
No Sessions:	
Teachers' Convention	About October 25, 1940
Armistice Day	November 11, 1940
Thanksgiving Recess from noon November 20, 1940 to November 25, 1940	
Christmas Vacation from end of regular sessions December 20, 1940 to January 2, 1941.	
Winter Vacation week of	February 16, 1941
Spring Vacation week of	April 13, 1941
No Sessions:	
Memorial Day	May 30, 1941
Bunker Hill Day	June 17, 1941
Schools close for summer	June 20, 1941



## REPORT OF THE SCHOOL COMMITTEE

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To the citizens of the Town of Reading the School Committee submits its annual report:

The School Committee has operated within its budget during the past year and at the end of the year turned back to the town the sum of \$895.53.

The Pearl Street School opened on January 3, 1940, with an enrollment of 413 pupils. With the closing of the Center, Union and Channel buildings, a long desired objective has been reached.

On July 15, 1939, Mr. Arthur E. Pierce, superintendent of the Reading School System resigned his position to accept a similar one in Bangor, Maine.

During Mr. Pierce's administration material gains were made in both the educational and administrative branches of our school system. His resignation was accepted with deep regret and he carries with him in his new field the best wishes of the Committee.

Dr. Elbridge C. Grover, former Superintendent at Euclid, Ohio, was elected to the position of Superintendent of the Reading School System in August of 1939.

Dr. Grover comes to us well equipped to carry on the duties of this most important task. He has an excellent background in both the educational and administrative branches of the public school system. His detailed report of our school system and present-day public school education is worthy of the attention of all our citizens.

During the past year the Union of North Reading and Reading School System was dissolved.

The terms of Howard T. Clinch and Esther D. Twombly expire this year.

IRVING C. AUSTIN  
MARGARET S. CANTY  
HOWARD T. CLINCH  
FRANK D. TANNER, Chm.  
ESTHER D. TWOMBLY  
CHARLES R. WAKELING, M. D.

# RECEIPTS NOT FROM TAX LEVY—SHOWING NET COST TO TOWN

1939	General Account:	Estimate 1940
\$234,976.47	Total Expenditure .....	\$241,063.92
	Receipts:	
\$ 17,385.00	State Reimbursement on teachers ....	\$ 17,450.00
13,485.25	Tuition .....	14,966.00
31,007.51	Sundry .....	125.00
	NET COST TO TOWN .....	\$208,522.92
\$203,968.96		
	<b>School Lunches:</b>	
\$ 12,068.70	Receipts .....	\$ 10,000.00
11,958.15	Expenditures .....	10,000.00
	NET GAIN TO TOWN .....	—
\$ 110.55	NET COST TO TOWN .....	—
	<b>Industrial Tuition:</b>	
\$ 915.26	Total Expenditure .....	\$ 1,350.00
	Receipts:	
494.97	State Reimbursement .....	575.30
\$ 420.29	NET COST TO TOWN .....	\$ 774.70

# SCHOOL DEPARTMENT BUDGET—1940

Est. Appro. 1940	Detail	Expended 1939
<b>SALARIES:</b>		
\$173,340.58	Supt. and Teachers .....	\$165,624.62
1,600.00	Supstitutes .....	1,399.00
18,629.00	Janitors .....	17,588.82
600.00	Attendance Officer .....	537.50
2,397.00	Nurse and Clerk .....	2,219.70
1,000.00	Medical Inspection .....	1,000.00
.....	Lip-reading .....	220.00
<hr/>		<hr/>
\$197,566.58	TOTAL SALARIES .....	\$188,589.64
<b>MAINTENANCE:</b>		
<b>General Control:</b>		
\$ 400.00	Sup's. Office Supplies .....	\$ 380.97
300.00	Research and Professional Study .....	319.84
.....	Research — Office Expense .....	24.99
500.00	Travel Expense .....	403.59
125.00	Printing .....	105.50
100.00	Census .....	100.00
300.00	Other Expenses .....	347.62
400.00	Grouard House—Operation .....	387.95
150.00	Grouard House—Maintenance .....	115.07
50.00	Grouard House—Capital Outlay .....	687.45
<hr/>		<hr/>
\$ 2,325.00	Total General Control .....	\$ 2,872.98
<b>Instruction:</b>		
\$ 600.00	Supervision Expense .....	\$ 539.05
370.00	Principal's Office Expense .....	342.40
2,470.00	Textbooks .....	3,021.00
6,300.00	Supplies .....	6,576.36
525.00	Supplementary Books .....	1,136.09
315.00	Commencement .....	286.48
420.00	Other Expenses .....	407.89
<hr/>		<hr/>
\$ 11,000.00	Total Instruction Expense .....	\$ 12,309.27
<b>Operation of Plant:</b>		
\$ 2,100.00	Janitors' Supplies .....	\$ 1,989.28
6,974.00	Fuel .....	5,992.23
1,205.00	Water and Sewer .....	1,000.12
2,410.00	Electricity .....	2,106.11
450.00	Gas .....	390.03

500.00	Telephone .....	552.84
280.00	Other Expenses .....	241.39
80.00	Freight and Drayage .....	11.55
<hr/>		
\$ 13,999.00	Total Instruction Expense	\$ 12,309.27
	<b>Maintenance of Plant:</b>	
\$ 1,880.00	Grounds .....	\$ 2,065.04
1,380.00	Buildings .....	1,696.87
655.00	Service Systems .....	1,204.96
365.00	Plumbing .....	120.86
396.00	Instructional Apparatus .....	1,145.35
66.00	Furniture .....	93.51
88.00	Other Expenses .....	124.52
<hr/>		
\$ 4,830.00	Total Maintenance of Plant	\$ 6,451.11
	<b>Capital Outlay:</b>	
\$ 75.00	Dedication of New Buildings .....	.....
500.00	Alterations and Additions .....	\$ 499.15
600.00	Furniture .....	1,571.41
1,224.00	Instructional Apparatus .....	2,219.90
345.00	Other Outlay .....	219.07
<hr/>		
\$ 2,744.00	Total Capital Outlay	\$ 4,509.53
	<b>Auxiliary Agencies:</b>	
\$ 7,924.34	Transportation .....	\$ 7,462.71
208.00	Tuition .....	51.71
<hr/>		
\$ 8,132.34	Total Auxiliary Agencies .....	\$ 7,514.42
	<b>Coordinate Activities:</b>	
\$ 100.00	Compulsory Attendance .....	\$ 100.00
35.00	Medical Service .....	34.34
332.00	Nurse Service .....	311.63
<hr/>		
\$ 467.00	Total Coordinate Activities	\$ 445.97
<hr/>		
\$ 43,497.34	TOTAL GENERAL MAINTENANCE	\$ 46,386.83
<hr/>		
\$241,063.92	GRAND TOTAL	\$234,976.47
<hr/>		
\$ 1,350.00	INDUSTRIAL TUITION	\$ 915.26
\$ 10,000.00	SCHOOL LUNCHESES	\$ 11,958.15

## CHANGE IN PERSONNEL — 1939

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### Left:

Edward Durant	Junior High—English	Feb.
Marjorie Brier	Junior High—Household Arts	June
Lyman E. Fancy (deceased)	Junior High—Shop	July
Arthur E. Pierce	Superintendent of Schools	July
Margaret E. Whittier (deceased)	Elementary Supervisor of Music	July
Doris J. Thomas	Lip-Reading	Sept.

### Appointed:

Margaret B. Clewley	School Nurse	Jan.
*Clarissa B. Abbott	Junior High—English	Feb.
Ann Robertson	Clerk School Nurse	Feb.
E. C. Grover	Superintendent of Schools	Aug.
F. Thelma Annis	Highland School—Grade 5	Sept.
Alice Hayden	High School—English, Mathematics	Sept.
Virginia Motz	Junior High—English	Sept.
Helen R. B. Stewart	Junior High—Household Arts	Sept.
Albert R. Studer	Junior High—Shop	Sept.
Evelyn M. Giles	Elementary Supervisor of Music	Nov.

\*Substitute

In Memoriam

MARGARET E. WHITTIER

LYMAN E. FANCY

*"They never fail who light their lamp  
of faith at the unwavering flame  
burnt for the altar service of the Race."*



# TEACHERS IN SERVICE, DECEMBER 31, 1939, WHERE EDUCATED, YEAR APPOINTED

Showing Attendance and Enrollment for Year Ending June, 1939  
and Enrollment for October 1, 1939

School	Name of Teacher	Year Appointed	Grade or Subjects Taught	Graduate of	Total Membership	Average Membership	Average Attendance	Per cent of Attendance	Enrollment Oct. 1, 1939
High	E. C. Grover	1939	Superintendent of Schools	Harvard, B.S.; Teachers' College, Columbia Univ. M.A.; N. Y. Univ., Ph.D.; La Sorbonne, Paris	2,412	2,238.94	2,081.58	92.84	2,255
	Ruth C. Roberts	1935	Sec'y to Superintendent	Boston Univ., A.B.					
	Helen M. Pratt	1936	School Committee Clerk	Reading High School					
	Grace E. Storti	1938	Clerk	Burdett College					
	Maud E. Adlington	1936	Elem. Super.; Dir.; Research	Simmons					
	Philip W. Althoff	1927	Dir. Phys. Ed. and Athletics	Springfield College, B.P.E., M.Ed.					
	Margaret B. Clewley	1939	School Nurse	Newton Hosp., R.N.; Simmons, Cert. Public Health Nursing					
	Josephine L. Fowler	1935	Supervisor of Attendance	Buffalo Normal School					
	Charles R. Henderson, M.D.	1918	School Physician	Mass. School of Art, B.S.E.					
	L. Reginald A. Kibbe	1936	Art Supervisor	Boston Univ., A.B., M.A.					
	Samuel A. W. Peck	1931	Director of Music	Reading High School					
	Ann Robertson	1939	Clerk, School Nurse	Conn. State College; Boston Univ., B.S.Ed.	654	607.56	567.79	92.78	649
	Rudolf Sussmann	1917	Principal	Reading High School					
	Myrtle W. Tilton	1926	Secretary	Salem Normal; Boston Univ., B.S.Ed.					
	Elizabeth A. Batchelder	1916	Com'l Eng., Off. Train. and Law	Bay Path Inst.; Boston Univ., B.B.A.					
	Elva A. Buckley	1924	Shorthand and Typewriting	Radcliffe, A.B.; Boston Univ., A.M.					
	Mary E. Devaney	1937	English	Ohio Wesleyan, A.B.; Harvard, M.A.					
	A. Imrie Dixon	1930	History	Posse Normal; Salem Normal					
	Alberta F. Drury	1917	Bkkg., Com'l Arith., Pen.	Radcliffe, A.B.; Boston Univ., A.M.					
	Helene M. Ernst	1931	German, History	Boston College, A.B., M.A.					
	Joseph F. Fitzgerald	1929	History, Geometry	Bowdoin, A.B.; Boston Univ., A.M.					
	Luke Halpin	1922	Mathematics	Oregon State, Ph.C., B.S., M.S.; Univ. of Wash., Purdue Univ., Ph.D.					
	Alice H. Hayden	1939	English, Math.	Boston Univ., B.S.Ed.					
	Albert H. Holgerson	1938	Coach, History	Boston Univ., B.S.					
	Elizabeth J. MacIver	1935	Shorthand, Type, Off. Machines	Sargent School; Boston Univ., B.S.Ed.					
	Florence G. Nichols	1929	Phys. Ed.—High and Elem.	Colby, B.S.; Harvard, Ed.M.					
	Frederick I. Pope	1922	Chemistry and Physics	Wellesley, B.A.					
	Marian T. Pratt	1919	French, History	Boston Univ., B.A., M.A.					
	Carmen Simon	1928	French, English	Boston Univ., A.B.					
	Arthur L. Spencer	1938	Latin	Salem Teachers' College, B.S.Ed.					
	Herbert B. Stanwood	1937	Shorthand, Type, Com'l Geog.	Bates College, A.B.					
	Russell P. Taylor	1938	English, History						

\*Clarissa B. Abbott substituted from February to June, 1939.

†Lyman E. Fanny—January to June, 1939; deceased.

‡Margaret E. Whittier—January to June, 1939; deceased.

# TEACHERS IN SERVICE, DECEMBER 31, 1939, WHERE EDUCATED, YEAR APPOINTED—Continued

Showing Attendance and Enrollment for Year Ending June, 1939  
and Enrollment for October 1, 1939

School	Name of Teacher	Year Appointed	Grade or Subjects Taught	Graduate of	Total Membership	Average Attendance	Per cent of Attendance	Enrollment Oct. 1, 1939
High.....	Hermion T. Wheeler.....	1924	Occup., Orient., Com'l Geog.	Mass. State College, B.S.				
	Jean M. Wiens.....	1935	English.....	Univ. of Wisc., B.A.; Emerson College, B.L.I.				
	Helen R. Zimmerman.....	1937	Biology, Practical Science.....	Wellesley, B.A.; Purdue Univ., M.S., Ph.D.				
	Robert F. Perry.....	1935	Principal.....	U. S. Naval Academy, B.S.				
	George D. Anderson.....	1926	Asst. Prin., Math.	Boston Univ., S.B., A.M.; Harvard Grad. Sch., Ed.M.	556.63	519.22	93.26	56.0
	Natalie Cate.....	1935	Secretary.....	Reading High School.....				
	Helen B. Bean.....	1931	English.....	Wellesley, A.B.				
	Harriet S. Beattie.....	1936	Art.....	Mass. School of Art, B.S.Ed.				
	Marian D. Day.....	1925	Science.....	Beverly High School.....				
	Grace M. Harriman.....	1928	Social Stud., Math.	Radcliffe, A.B.; Harvard Grad. Sch., Ed.M.				
	Walter E. Hawkes.....	1933	Physical Ed., Hygiene.....	Springfield College, B.S.				
	Grace N. Heffron.....	1930	English.....	Tufts, A.B.				
	Genevieve P. Hook.....	1931	French, Latin, English.....	Univ. of Vermont, A.B.; Radcliffe, A.M.				
	Louise B. Jenkins.....	1920	Social Studies.....	Bridgewater Normal; Boston Univ., B.S.Ed.				
	Inez H. Lewis.....	1923	Mathematics.....	Gorham Normal.....				
	Roderick E. MacDonald.....	1937	Shop.....	Fitchburg Teachers' College, B.S.Ed.				
Jr. High.....	Mary Mercadante.....	1937	Business Training.....	Salem Teachers' College, B.S.Ed.				
	Virginia Mozza.....	1939	English.....	Kent State Univ.; Miami Univ., A.B.				
	Clifford R. Nelson.....	1937	General Science.....	Boston Univ., B.S.Ed.				
	Claudia Perry.....	1928	English.....	Radcliffe, A.B.				
	Victor E. Pitkin.....	1933	Social Studies.....	Clark Univ., A.B., A.M.				
	Anna M. Reek.....	1928	Math., Soc. Studies.....	Radcliffe, A.B.				
	William A. Rich.....	1928	Math., Soc. Studies.....	Salem Normal; Boston Univ., B.S.Ed.				
	Neil C. Robinson.....	1936	Social Studies.....	Mass. State College, B.S.; Boston Univ., Ed.M.				
	Helen F. Schellenberg.....	1938	Household Arts.....	Lasell Junior College; Keene, N. H. Normal, B.S.Ed.				
	Helen R. B. Stewart.....	1939	Household Arts.....	Simmons, B.S.				
	Albert R. Stuffer.....	1939	Shop.....	Fitchburg Teachers' College, B.S.Ed.				
	Margaret E. Tyacke.....	1926	Physical Ed., Hygiene.....	Harvard Summer School.....	32	26.41	92.45	19
	Helena Markham.....	1934	Grade 4.....	Framingham Normal.....	771	662.11	92.62	734
	M. Grace Wakefield.....	1890	Principal, Hld., Center, Union.....	Salem Normal.....				
	Alice L. Arsenault.....	1933	Secretary.....	Reading High School.....				
	Dorothy A. Allard.....	1927	Grade 6.....	Salem Normal.....	36	32.55	93.35	37
	F. Thelma Annis.....	1939	Grade 5.....	Lowell Teachers' College, B.S.E.	37	30.27	89.97	35
Highland.....								

School	Name of Teacher	Year Appointed	Grade or Subjects Taught	Graduate of	Total Membership	Average Membership	Average Attendance	Per cent of Attendance	Enrollment Oct. 1, 1938
Highland	Lillian F. Brann.....	1930	Grade 5.....	Farmington Normal.....	27	25.92	23.96	92.44	20
	Marjorie H. Buckle.....	1927	Physical Education.....	Posse-Nissen.....	30	33.43	31.10	93.03	32
	Jean M. Butters.....	1936	Grade 5.....	Salem Teachers' College, B.S.Ed.....	38	37.39	33.67	90.06	34
	Matilda J. Gamble.....	1920	Grade 5.....	Woburn High School.....	35	33.02	30.29	91.73	34
	Evelyn M. Giles.....	1939	Music—Grades 1-6.....	Boston Univ., Mus.B.....	27	25.78	24.33	94.20	29
	Carolyn C. Grace.....	1919	Grade 6.....	North Adams Normal; Boston Univ., B.S.Ed.....	29	27.76	25.60	92.23	30
	Harriet Hall.....	1937	Grades 3 and 4.....	Wellesley, A.B.; Boston Univ., M.Ed.....	28	26.59	25.34	95.29	20
	Ellen F. Harney.....	1935	Grade 5.....	Emmanuel College, A.B.; Boston Univ., M.Ed.....	33	32.59	30.30	93.14	28
	Mary T. Macken.....	1926	Grade 6.....	Plymouth Normal.....	36	35.13	32.00	92.55	30
	Florence A. Potter.....	1916	Grade 5.....	Salem Normal.....	37	33.54	31.22	93.09	32
	Annie W. Quillen.....	1924	Grade 6.....	Lowell Normal.....	24	24.00	22.11	92.13	25
	Margaret A. Scullane.....	1931	Grade 6.....	Plymouth Normal; Boston Univ.....	15	13.38	12.46	93.15	15
Opp. Center	Helen D. Stockwell.....	1930	Opportunity.....	Salem Normal.....	30	33.75	30.03	91.82	30
	Dorothy L. Burgess.....	1926	Grade 1.....	Lesley Normal.....	26	24.54	23.00	93.74	26
	Dorothy L. Cronin.....	1933	Grade 2.....	Lowell Teachers' College, B.S.Ed.....	36	32.88	30.96	93.97	37
Union	Evelyn L. Durgin.....	1938	Grade 3.....	Lowell Teachers' College, B.S.Ed.....	36	30.95	28.37	92.33	37
	Olive L. Joney.....	1938	Grade 4.....	Worcester Teachers' College, B.S.Ed.....	36	31.92	29.98	93.91	34
	Olive S. Perry.....	1916	Grade 3.....	Wheelock Kindergarten School.....	40	35.72	32.46	90.86	32
	Florence C. Pratt.....	1938	Grade 3.....	Bridgewater Teachers' College, B.S.Ed.....	27	24.82	23.61	95.18	34
	Glenna A. Dow.....	1919	Grade 2.....	Hyannis Normal; Emerson College.....	39	30.59	28.25	92.34	40
	Velma E. Herrick.....	1927	Grade 1.....	Perry Kindergarten School.....	24	23.09	21.28	92.13	31
	Alberta R. Mathieson.....	1924	Grade 2.....	Salem Normal.....	33	31.11	28.07	90.21	40
Lovell	Ruth L. Montgomery.....	1937	Grade 1.....	Fitchburg Teachers' College, B.S.....	33	28.94	27.65	95.52	25
	Nellie P. Beaton.....	1920	Grade 2.....	Danvers High School.....	35	31.06	29.31	94.33	25
	Jessie L. Goddard.....	1926	Grade 2.....	Bridgewater Normal.....	41	37.10	33.75	90.98	22
Prospect	Elois Godfrey.....	1937	Grade 3.....	Bridgewater Teachers' College, B.S.Ed.....	34	30.60	29.98	93.51	22
	Isabel I. Winchester.....	1928	Grade 3.....	Salem Normal.....	31	31.25	29.57	94.54	36
	Aida E. Dow.....	1909	Grade 3.....	Lowell Normal; Emerson College.....	33	31.25	34.90	80.46	30
	Alice D. Berry.....	1927	Grade 1.....	Bridgewater Normal.....	44	39.01	34.00	92.94	41
Ches. Hill	Doris R. Cleary.....	1937	Grade 2.....	Salem Normal.....	41	36.70	34.69	91.84	28
	Edna M. Lounsbury.....	1930	Grade 4.....	Salem Normal.....	31	26.89	24.69	91.84	21
	Irene Royce.....	1928	Grades 1 and 2, Principal.....	Arostook State Normal.....	40	34.75	31.28	90.24	35
	Esther P. Smith.....	1936	Grades 3 and 4.....	Lyndon State Normal; Boston Univ., B.S.Ed.....	37	33.71	31.62	93.32	29

## REPORT OF THE SUPERINTENDENT OF SCHOOLS, 1939

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To the School Committee,  
Reading, Massachusetts.  
Dear Sirs:

I present herewith my first annual report as Superintendent of Schools of Reading, the forty-seventh of a series of annual reports relative to the work of the Public Schools of the Town.

I consider myself fortunate to serve a community, the members of which have expressed so freely their deep appreciation of, and faith in, the kind of education provided in the Reading schools. It is a pleasure to work with the faculties of the various schools and all persons in administrative and supervisory capacities. As a new superintendent, I have found them and the citizens of the Town sympathetic toward, and understanding of, the situation in which a new Superintendent finds himself. I have found the schools in excellent shape, particularly as far as administration is concerned. Upon this administration was being built an increasingly effective educational service to children. I am happy to take up the work at this particular time in the history of educational progress in Reading. Since I have been able to observe the activities in the Reading schools but slightly over four months, I must confine this first report to general observations and the outstanding items in the various reports of principals and supervisors.

### ADMINISTRATION AND SUPERVISION

#### Suggested Goal

A school system advances best when all members are working under a commonly accepted goal. This goal must have relation to practical living of the richest possible nature. To this end, education may be considered the process of developing human beings to become effective contributors to the social, political, and industrial world in which we live. To reach this goal, the schools must provide definite opportunities for students to practice good social living, to the end that they may understand that our political institutions are instruments for a better human life.

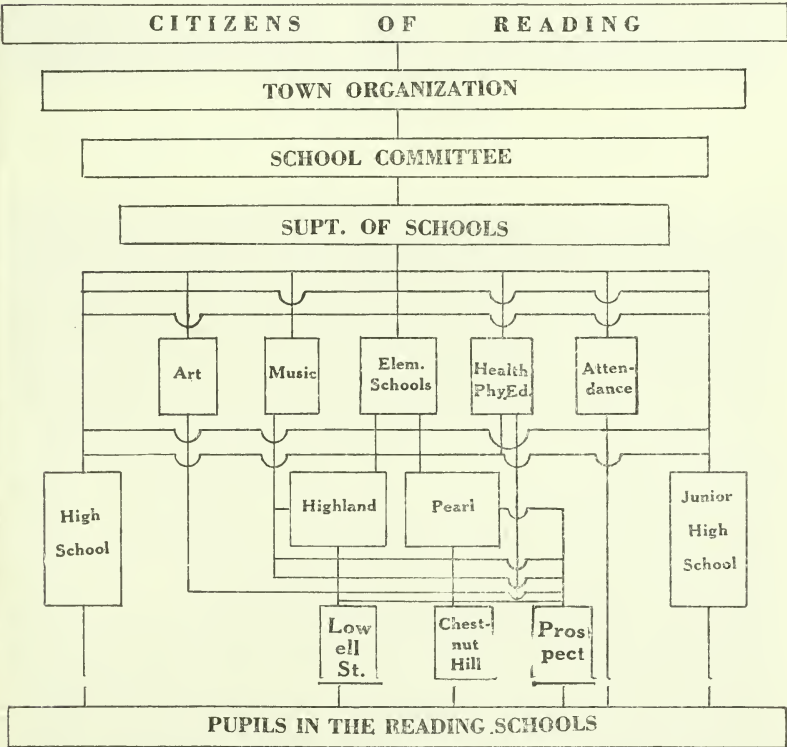
The Reading School system has wisely been organized in such a way as to further the goal suggested above. In its elementary schools, will be found adequate emphasis on those fundamental processes of learning without which adults in a civilized society are inefficient, and yet these learnings are developed in relation to pupil interests and life situations.

The Junior High School is a segregated institution with its own organization. Its curriculum is based on a philosophy of studying the

individual student and aiding him to develop in those ways which for him bring about maximum educational experiences. By bringing each student in contact with all sorts of activities, the faculty of the Junior High School studies the abilities of individual pupils so that its members may guide both students and parents with reference to the wisest choice of High School courses. These courses in the high school are usually grouped around definite preparation for college entrance, business careers, general cultural background, and the like. The Reading High School does not place a child in one definite curriculum and keep him there if his interests change or the circumstances in the home develop so as to make possible definite opportunities in a particular career. Throughout the school system, the needs of the individual are uppermost, and all efforts are made to help him develop to be an efficient individual as well as an effective member of the social group.

**Organization of School Department**

The success of a school system is based upon an intelligent dele-





gation of responsibilities. In the plan of the administrative organization, therefore, each person has definite relationships with other persons, so that the system may function easily as a whole. Above will be found a diagram which attempts to show these relationships and responsibilities in a graphic form.

In the above diagram it will be seen that the School Committee functions as one of the departments of the Town and as such represents the citizens of the Town in all educational concerns. The Committee is a body formulating policies which the Superintendent of Schools executes. The Superintendent's function, in relation to the Committee, is to collect and analyze facts and information upon which the School Committee may base its policies. In this manner, the work of the Committee and of the Superintendent supplement each other to the end that the kind of schools the community desires are effectively developed.

Besides the administrative organization of a school system, there exists a more important phase concerned with the development of instructions. This is generally known as the supervisory organization. It is here that skill must be used in dealing with human beings, yet it is also here that all the scientific knowledge of methods and teaching technique must be utilized. Progress in the improvement of instruction is necessarily slow, because it does concern human beings. In order to make progress permanent, any supervisory program must include four definite elements: first, there must be a recognized need for improvement; second, changes must be suggested by both supervisors and teachers; third, the procedures to be tried must be thoroughly understood and planned; and last, definite evaluation of the results must be made to determine the value of the new procedures.

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## ELEMENTARY SCHOOLS

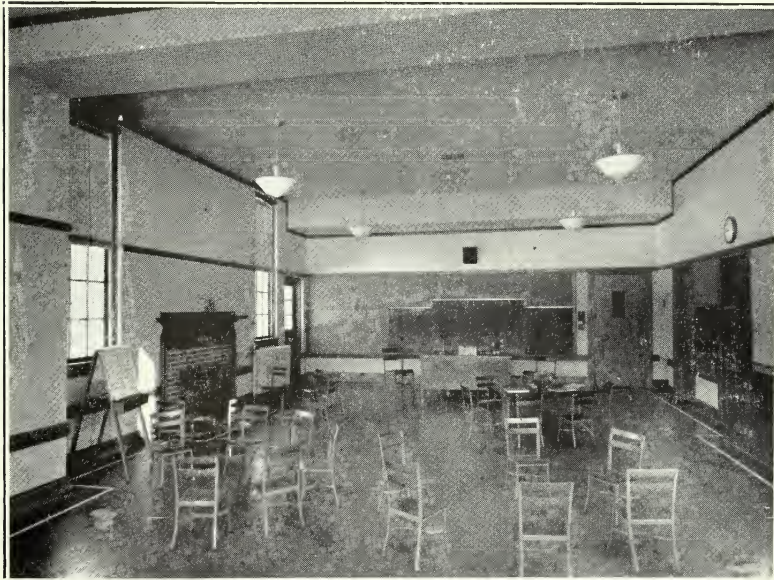
### New Building

The most important occurrence in the field of elementary education in Reading in the last fifty years was the opening of the new school on Pearl Street. This school makes it possible to abandon the three unsafe, wooden structures known as the Union Street School, the Center School, and the Channel House,—the latter occupied by special students. The town is fortunate to be able to house its children in a modern building away from the worst traffic hazards in this vicinity yet near which two of the three old structures were located. The building is located on the grounds of the Parker estate which in more recent years was used as the Town Farm. In 1922 the Selectmen had the foresight not to sell this property but to hold it for possible school use. The school building survey conducted by Professor Jesse B.

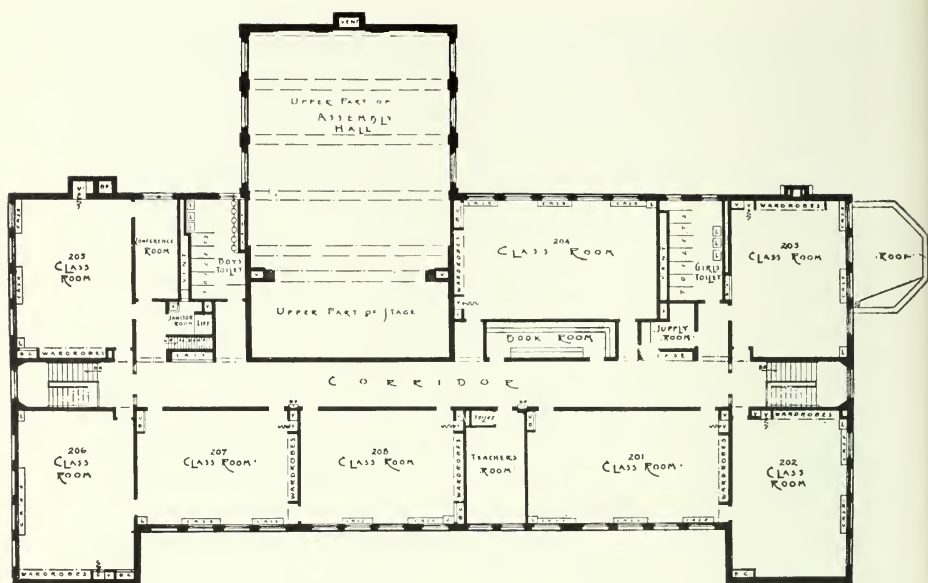




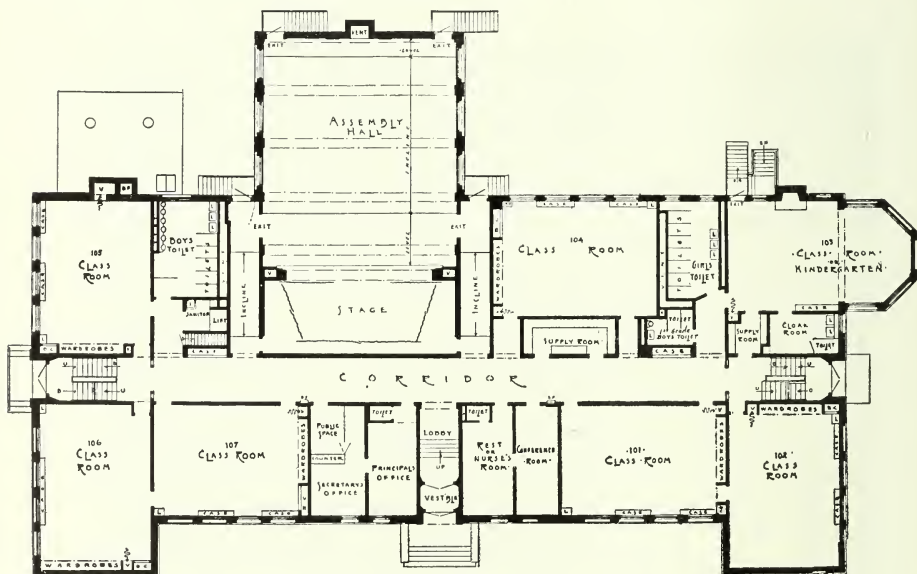
AUDITORIUM



KINDERGARTEN ROOM



SECOND-FLOOR PLAN  
Scale 1/8" = 1'-0"



FIRST FLOOR PLAN

Davis of Boston University in 1930 planned a school building on this site. An attempt to construct the building was made in 1933, but at that time the project was defeated by a referendum vote. The present School Committee was successful in obtaining in September, 1938 a P. W. A. project for the construction of the building. This project included a grant from the Government for construction and equipment of \$88,136, or 45 per cent of the total estimated cost. In September of 1938, the Town of Reading voted \$110,000 as its share in the project, and the building was started December 27, 1938. After the painstaking, detailed studies of all educational facilities and equipment by Superintendent Arthur E. Pierce and members of the School Committee, the building was constructed by the Frankini Construction Company, under the direction of Mr. George H. Sidebottom, Architect.

### **Building Details**

The new building is of New England architecture and constructed of brick and limestone. It contains fifteen rooms, of which fourteen were immediately used to house the 413 pupils transferred to this school. Some of the outstanding features are as follows: sound-proof, ceilings in rooms and corridors; automatically controlled lighting by means of photo-electric cells; excellent auditorium; ample-sized classrooms (25-32 feet—some 35 feet); gang wardrobe doors in each classroom; book cases; storage space and teacher supply closets in every classroom; stoker-fed steam boilers; internal telephone system; and adequate visual education equipment. Both rooms and auditorium are equipped with loud speakers which are connected to a central public address cabinet in the principal's office. This equipment can also be used to convey speeches from the platform of the auditorium. The Town cooperated with the School Committee by sponsoring a project to construct a sixteen hundred foot sewer from Salem Street along Harrison and Pearl Streets. This was a W. P. A. project, and will materially aid all property from the school building to Salem Street.

One noted educator has stated that the school program cannot advance beyond the building facilities. If this is true, the pupils in the Pearl Street School are very fortunate to have the excellent facilities and equipment as a basis for the more fundamental factor,—their educational development.

### **Changes in Elementary Program**

After a thorough study of modern educational methods, the teachers under the leadership of Mr. Pierce, Miss Wadleigh, and Miss Adlington recommended organizing the fifth and sixth grades at the Highland School by classrooms and abandoning the departmental teach-

ing which had been in operation for the last few years. One of the outstanding factors in this study was the advantage that children had in becoming thoroughly acquainted with one teacher. Formerly, this teacher taught from one hundred to one hundred and fifty different children a day, and obviously could not know them as well as she could thirty or thirty-five. This closer contact with a smaller number of pupils permitted the teacher to be conscious of individual differences and minister to the particular needs of each child. A second finding of the study was that emphasis in the smaller group could be placed on teaching children rather than making the most important thing the teaching of subject matter. It has been proven time and again that children learn better when their effort is based upon interest. In the smaller group, therefore, better results should be obtained even in subject matter when the bond between the teacher and the child is closer.

### **Change of Hours**

When the fifth and sixth grade pupils from Highland School were distributed between that school and the Pearl Street School, and both Highland and Pearl Street became six-grade buildings, it seemed wise to change from a one-session to a two-session day similar to that of Chestnut Hill School, Prospect Street School, Lowell Street School, the Center, and Union St. School. This did not seem to necessitate any readjustment, except for the fifth and sixth grade pupils. A two-session day has the advantage of a long noon period, during which children can go home for lunch, and an afternoon session to which each student comes back refreshed by the long break in the middle of the day. Throughout the country, at least in the public schools, the two-session day has increased in use rapidly and is estimated by most educators as the more advantageous from the child's point of view. The morning session of the school day in the elementary schools begins at 9.00 a. m. and closes at 11.45 a. m. The afternoon session begins at 1.30 p. m. and stops at 3.30 p. m.

### **Habit Clinic and Lip-Reading Classes Discontinued**

Due to the very small number of applicants for habit clinic examination and the restricted funds of the State Department, the Habit Clinic was closed last June. Arrangements, however, have been made through the State Board to send any child needing this service to the clinic in Lawrence.

The lip-reading classes were closed because of the small number of students applying for this type of instruction.



### **Need for Visiting Teacher**

According to the school laws of the Commonwealth of Massachusetts, a community has to make provision for a visiting teacher if five or more pupils of school age are able to be instructed but unable physically to go to school. Reading has at present four such cases receiving instruction from one of our substitute teachers who goes to each home once a day for a period of one hour. There are one or two additional children who may need this service next year. An amount of \$500 has been recommended in the 1940 budget to provide education for these bedridden children who otherwise could not get any formal school instruction. In many instances, this service not only helps the pupils progress in their school work, but has definite therapeutic value in bringing encouragement and hope.

### **Visual Education**

Of increasing importance is the development of a rich educational background by means of film slides, stereoptican slides, films, and material which can be thrown on a screen by means of an opaque projector. All these vitalize education, and not only permit the child to appreciate the relation of content material to life situations, but use a medium increasingly familiar to us. In many instances, an individual child or a group plans its own program, and works over materials in committees, thus gaining practice in those activities in which we want them proficient as adult citizens.

### **Music Stressed**

Due to the tragic death of Miss Margaret Whittier, the Reading school system lost a valued and well-loved leader. Teachers and parents will miss her inspiring personality. In her place we have secured the services of a talented young woman who is developing vocal and instrumental music in the elementary schools, and we look forward to increased enrichment of the program in this department. In September, Mr. Samuel A. W. Peck was appointed Director of Music, so that the general development of the department could go forward as a unit.

### **Radio Helps Education**

Another modern device which has brought an enrichment of the students' educational background is the modern radio. The schools are using the excellent programs coming over the nation's networks. Dramatizations of history, direct speeches of the European premiers, and talks on civic events, permit our children to experience history in the making. In some classes there are requirements that pupils listen to some of the outstanding broadcasts, particularly those of the Town Meeting of the Air and the People's Forum. The Damrosch

Concerts provide part of our weekly music program, and many other broadcasts have been used to enrich the experiences of our pupils.

### **Excursions Found Beneficial**

Education cannot proceed vitally unless the child is in contact with real experiences. To make this possible, the teachers have conducted children on trips to various places and institutions. The experiences thus acquired have been used in writing and composition, and particularly to provide a readiness for beginning reading. Trips are picked out for their value in specific situations, and have proved to be one of the most important factors in the broader education of our children. I cite below the trips which were taken last year in the elementary grades: dairy farms, chicken farms, fire station, bird walks, zoo and park at Stoneham, police station, nature walks, Children's Museum, Pioneer Village and Peabody Institute at Salem; Parker Tavern and Post Office in Reading; Aquarium at South Boston; Natural History Museum in Boston; Essex Institute; Bunker Hill; Byrd Expedition Ship in Boston Harbor; Maparium in Christian Science Building; WEEI Station; Woolen Mills at Lawrence; North Station; Airport; Commonwealth Pier; Art Museum; Boston Public Library; Chronicle Office; and the Reading Library.

### **Art**

The art work in the elementary schools has been progressing under the supervision of Mr. L. Reginald A. Kibbe. He has stressed the development of the child's own ideas in design and beautiful form and has been valuable in helping the teachers develop their own background in his field.

### **Opportunity School Moved**

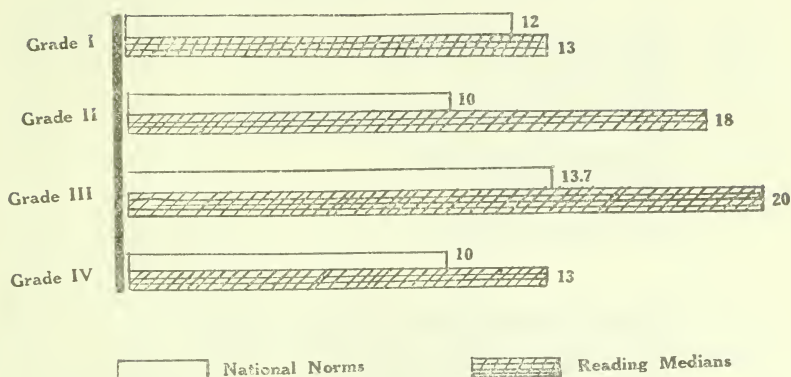
The Opportunity School which has been located in the Channel House has been moved to the Pearl Street School where it has become an integral unit of that school rather than an isolated one as formerly. Mrs. Stockwell is continuing her careful work with individual students and is providing for their needs in the light of their individual capacities. Some of her students have returned to the regular classes, making room for others who have been assigned to her.

### **Testing Shows Excellent Results**

A report of the testing in the elementary field has indicated that our pupils are not only holding their own, but are exceeding the norms for pupils of their various grades. Below will be found the results of 674 pupils in the first four grades. These results were taken from the scores in the Detroit Reading Tests and show that Reading pupils are more than meeting the requirements which should be expected of them.

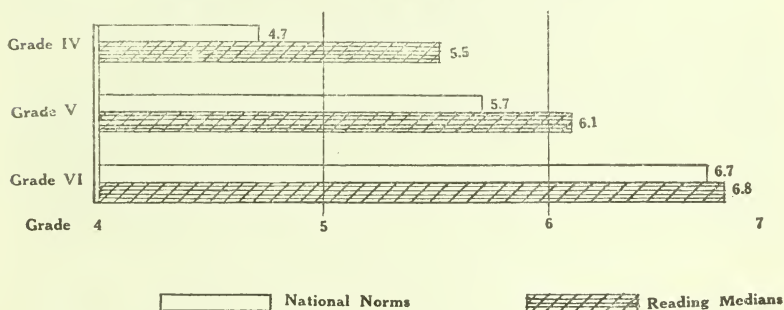


### DETROIT READING TESTS



It is interesting to observe that the medians for each school where the pupils were tested are significantly higher than the norm for the country as a whole. In the fourth, fifth, and sixth grades, 522 students took the Metropolitan Reading Tests in April, 1939, with similar gratifying results. A comparison of the medians obtained by the Reading pupils with the national norms will be found in the following graph:

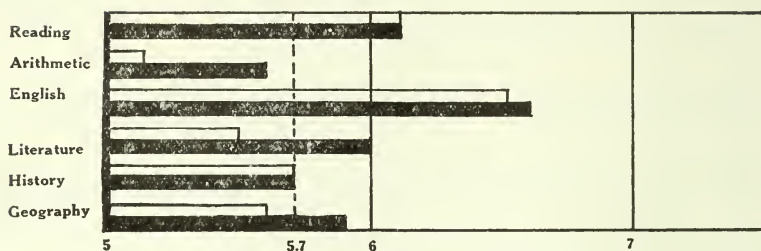
### METROPOLITAN READING TESTS



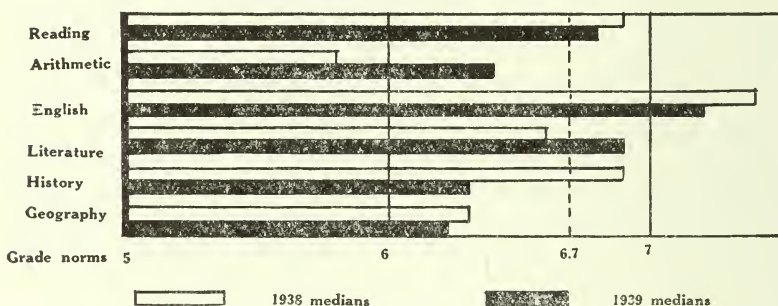
In each instance, the medians for the Reading pupils are considerably above the expected norm, particularly in the fourth and fifth grades. Miss Adlington has compared the achievements in various studies made by the fifth grades and the sixth grades in 1938 and 1939. In the fifth grade, she tested 193 pupils in 1938 and 178 pupils in 1939. In the sixth grade, there were 190 pupils taking the test in 1938 and 178 in 1939. The following diagram shows that the Reading pupils are not only holding their own but that the 1939 scores in most instances were as high as the 1938 class scores or exceeded them.

## METROPOLITAN ACHIEVEMENT TEST

Grade 5



Grade 6



It is also interesting to note that the fifth grade class medians in both years were nearly up to the seventh grade norm in English. A corresponding result was obtained in the sixth grade classes. It can also be seen that arithmetic appears to be the most difficult subject, though definite progress has been made as indicated by the scores in 1939. Tests of this sort indicate where weaknesses and strengths occur so that emphasis may be placed on teaching in those areas where the pupils are not up to standard. Thus we may use the results of constant testing for intelligent guidance in reference to pupil learning.

### Age-Grade Table and Promotion Statistics

On page 271 will be found the Age-Grade Table, showing the number of pupils in each grade and the normal age for the pupils in every grade. A study of this table will show the number of under-aged pupils and over-aged pupils. The table itself shows the care which principals and teachers have taken in the organization of their schools.

Of interest also are promotion statistics which indicate the numbers of pupils who are repeating their work in the various grades. This table was made up from the data collected in June, 1939. It is interesting to note that less than seven per cent of the pupils in the

regular grades had to repeat their work. This is approximately two children in a class of thirty-five.

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**STATISTICS OF PROMOTIONS**  
**Number Promoted by School and Grade**  
**June, 1939**

Grade	No. Pupils	Promoted	Repeating	Opportunity	On Trial
1	194	166	26	2	9
2	156	141	13	4	5
3	140	158	12	1	16
4	171	161	5	0	0
5	190	179	11	0	4
6	185	181	4	0	0
Total	1,066	991	71	7	34

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**JUNIOR HIGH SCHOOL EDUCATION**

During the past year, the Junior High School has continued to emphasize the study of individual pupils with reference to their own needs and their adjustment to the group curricula of the Senior High School. The faculty appears particularly well qualified to appreciate the problems which these pupils are facing and their struggles in those years which cover a period in the lives of young people needing sympathetic understanding and skillful guidance.

**Program Meets Pupils' Needs**

To meet these problems and to try out the abilities and capacities of students, the school has arranged many activities which permit student contribution in various fields. The assembly programs are developed from curriculum backgrounds and under the guidance of teachers and class committees. Groups of students who are interested in particular fields are encouraged to join others in clubs and groups of mutual interest. Among these can be cited the Student Council, the Orchestra, the Glee Club, dramatic groups, assembly committees, Traffic Patrol, Service Club which operates moving picture equipment, Newspaper Club, Gym Leaders' squads, Committee on Cafeteria Conduct, Art Committee in charge of corridor decorations, Cheer and Song Leaders' Squad, and the like. These clubs give opportunity for the energy of these young people to be expended in cooperative activities leading to better social adjustment.

**Excursions Found Valuable**

As in the elementary schools, trips and excursions are assuming an increasingly large importance in developing a background for pupil experiences. These excursions in the Junior and Senior High Schools

- have a definite vocational value since they bring the pupils into close touch with industries and services, as well as the cultural backgrounds of art, literature, and history. Among the excursions which the Junior High School pupils took in 1939 were the following: historical tours of Boston, Lexington, and Concord! trips to Boston Airport; Woburn District Court; courts and New Court House in Boston; Ford Motor Company in Somerville; Housing Project and Slum Clearance, Boston; Student Council, guests of the Student Council of the Frank A. Day School, Newton; exchange of assembly programs with the Andover Junior High School; business training classes to Telephone Company, Post Office, banks in Boston, Christian Science Publishing Company; social science classes to State House and museums in Boston and Cambridge; English classes to Public Library, Book Fair in Boston, and the Boston Public Library.

The expense of these trips has been borne chiefly by the pupils. In cases of inability to finance the trip, no pupil has been left behind who wanted to go. Money has been found in some fund or was contributed from the amount of \$100 set aside in the school budget for such purposes.

#### **Moving Picture and Radio Programs**

To supplement the instruction in the school, considerable use is made of moving pictures, and of programs which have come over the radio. By means of a rental service at Boston University, the school has been able to procure films at a very low cost. These films are obtained at the time when they can be of most significance in the teaching of various subjects in the curriculum. The students themselves have become so conscious of the value of excellent radio programs that they have issued and distributed an extremely fine guide for all the students in the school, outlining the best educational programs of the month. This guide is well put together, practical, interesting, and valuable.

#### **Six-Man Football Successful**

The development of six-man football was started this fall as a part of the afternoon athletic program. It provided boys with the opportunity to become acquainted with the game and to develop the skills which they would use when they become members of the Senior High School football squad. Experience shows that restricting the use of equipment to ninth grade boys was probably less wise than to open the opportunity to boys in the other grades as well. It is suggested that this change of policy occur so that more boys will be included in this activity.

### **Homeroom Guidance**

The guidance in the Junior High School is carried on by the homeroom teachers who check the students in their rooms carefully and study their progress, not only in the various classes but in their extra-curricular activities as well. Over a period of three years these homeroom teachers become thoroughly acquainted with their individual home room students and are in an excellent position to advise both parents and the High School Principal concerning the future course an individual student should pursue. It is during these Junior High School years that guidance assumes its most vital importance. In this guidance the careful, sympathetic understanding of the teachers is the greatest factor.

### **Library Badly Needed**

The outstanding need in the Junior High School is a library where supplementary and reference books may be brought together and to which students may go on definite assignment from teachers, or voluntarily, to trace down material which is not found in textbooks. In a junior or senior high school, one might say the library is the heart of the institution because students constantly refer to it for important material that cannot be transported from classroom to classroom or cannot be contained in the general materials which are furnished by the school. Supplementing the classroom discussions and reading by valuable source material is fundamental to the development of a broad understanding of the work in any course. The Junior High School should have a library for this purpose. Since the fourth grade has been taken out of the Junior High School building, classes can be shifted to this room and the space originally constructed for a library and reference room can be available, but only if tables, chairs, and some additional reference books can be purchased. The faculty of the school can supervise a library at no additional expense.

The Junior High School has done an outstanding piece of work in interesting parents and the general public in its programs and developing an appreciation of the things which they are doing. In June, the girls in their Home Economics Department served supper to 250 parents in the cafeteria. A production, "Tonight at Eight", showed the citizens of the Town how the Junior High School activities are related to dramatics, physical education, music, and practical arts. The Parent-Teacher Association is particularly active, and programs have been developed so that there may be an appreciation on the part of parents of the work carried on in the school. The faculty under the leadership of the Principal is studying the changes in junior high school education and constant progress is being made to adapt the best methods of instruction which have proved sound in other excellent school



systems. The Junior High School is satisfactorily meeting the very difficult challenge of teaching and guiding young people in perhaps the most difficult period of youth and one which calls for the highest type of leadership.

### PROGRESS IN THE SENIOR HIGH SCHOOL

The Reading Senior High School enrolls the pupils from the Junior High School and those coming from North Reading. The faculty provides for these students as rich a program of studies as is possible under the restricted facilities found in the building. When a student enters, he chooses a curriculum for which he has been prepared during the Junior High School years. Often he finds, during the first year in the Senior High School, that he wishes to change to another curriculum or to take certain general subjects that will meet his particular needs. Fortunately, the program of studies in our Senior High School is sufficiently flexible so that through the guidance of the Principal and homeroom teachers, a program for an individual student may be constructed which will give him the best educational opportunities we can provide.

#### Increased Enrollment

The facilities are becoming more restricted and limited year by year, due to the increasing numbers who come to the Senior High School. At present, the enrollment is 635 students, and by September the school will house over 700. Below will be found a table indicating the present enrollment for grades and also the enrollment estimated for 1940-41.

Senior	Feb. 1, 1940	Sept. 1940
High School	(Actual)	(Est. Minimum)
Post Grad.	22	30
Grade XII	177	220
Grade XI	220	216
Grade X	216	248
Total	635	714

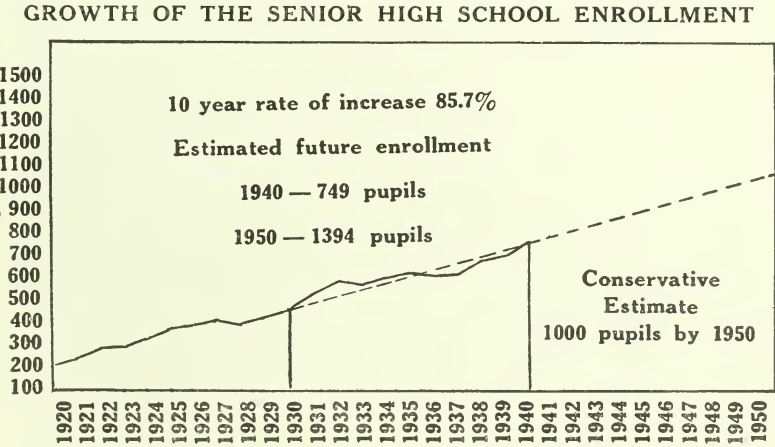
A study of the above table will show that no allowances have been made for increases beyond the present student body. These increases are occurring in most of the secondary schools throughout the country. No longer is elementary or grammar school education believed to be a minimum essential for adulthood. The high school is rapidly giving an educational opportunity to all students. Thirty to forty years ago, most high schools enrolled between twenty and thirty per cent of the grammar school graduates. The rest went to work or became apprentices. Today one hundred per cent enroll in the high school,



and since this level of education is the most expensive, it has made a difficult financial problem for most communities in this country. In many places, particularly in the West, two educational years are being added to the senior high school. There, public education is offered through the junior college years at full public expense. Therefore, the problem which meets the taxpayers in Reading is a normal one and must be dealt with in the very near future.

**Survey Indicates Increase**

In the building survey made by Dean Jesse B. Davis of Boston University in 1930, there will be found a table indicating the growth of high school students in Reading. This table is reproduced below in order that we may appreciate the growth which has actually occurred over the last ten years and the significance of providing for future development.



The black line between 1930 and 1940 has been added to show the actual figures compared with the estimated ones made on Dr. Davis' graph. If the prediction in the next ten years is anywhere near as faithful to the actual experience as his prediction in the last ten years shows, the people of Reading face a serious problem in housing the Senior High School students.

**Limitations of the Present School Building**

The present high school building was built to take care of 425 pupils as a maximum. Even by subtracting the 90 students from North Reading, our problem will not be solved. The assembly hall is inadequate, and assembly programs have to be given on shifts. Until this years students had to be seated in the back of classrooms while reci-

tations were conducted by another class in the front of the rooms. With a transfer of money to the Maintenance Budget the School Committee was able to purchase 150 study chairs which were placed in the auditorium. The school administration then assigned to this auditorium-study hall pupils who had formerly been trying to study in the back of the classrooms, thus aiding both the students who wanted to study and the students who then obtained the teachers' undivided attention in the classroom. This move, however, did not solve the assembly room problem. On the other hand, it did not restrict greatly the numbers who could get into the auditorium. The cafeteria facilities are entirely too small. Both boys and girls have to roam around the building eating or sit down on the gymnasium floor in order to find places in which to eat. The one small gymnasium in the school building has to be used by both boys and girls, and the program must be restricted to a minimum because of the lack of available time in which to conduct the number of classes which would give all the students an adequate physical development. Perhaps one of the greatest problems is the lack of facilities for domestic science and arts for girls and shopwork for boys. At present, these courses in a somewhat limited form are being taught in the Junior High School building. Senior High School pupils on the whole are more interested in staying with their companions in the Senior High School building—though they are taking courses which do not directly meet their needs—than to return to the Junior High School where the domestic arts rooms and the shops are at present. Their presence in the Junior High School also restricts the flexibility of the program in this school. There should also be a place adequate for music instruction. At present, it is conducted in what was once a library room. The instructor is working under a very limited program because of the restriction of both the building and the possible offerings which the students elect. There are no library facilities in the High School and there is no place to develop them. This is a serious drawback and necessarily restricts the assignment of supplementary and reference reading materials which should be available in any modern secondary school. The classes are more crowded than will be found in the surrounding towns or in the State as a whole. There are twenty-five pupils in each class on the average, as compared with twenty-three in the nine towns which have been compared with Reading, and twenty-four which is the average of the State of Massachusetts as a whole. The High School Principal asks for a full-time library teacher, another practical arts teacher, an art teacher, and some additional teaching service in the field of music. The physical restrictions are important, but not as important as the restrictions placed upon the curricula and courses offered in the school program. The advantages of working with indi-

vidual differences among pupils can be adequate only when done in smaller classes.

### **A School Day in the High School**

It is interesting to follow the pupils in the Reading High School to see how their time is distributed over an average day. Our largest enrollment this year was 660. Each pupil carries from four to five studies, making a total of around 3,000 pupil hours in classwork per day. Pupils are distributed so that 660 will be found in English classes, 232 in mathematics, 327 in languages, 693 in social studies, 246 in natural sciences, 836 in commercial subjects, 41 in industrial arts, 220 in art and music, 350 in physical education, and about 100 in athletic activities. Beyond this, the school supports a dozen organizations which absorb the interests of many pupils who wish to join them. There is no member of the High School staff or administration directly responsible for a unified program of guidance outside of the Principal of the school, whose many duties rob him of time and effort in this field. Last year a director of guidance or counselor was suggested but not hired. This year, four of the teachers are freed one period a day to consult with students on the various problems they meet. In the near future, there should be developed a guidance program administered by one person who will take full responsibility for its development. To an assistant or vice-principal should be delegated the necessity for checking the administrative routines in the building. This person could also give a large portion of his time to teaching. An arrangement of this sort would leave the Principal free to study the problem of instructional improvement and to unify the entire existing educational program in his school, so that he can lead the faculty as a whole to study and pursue the best practices in secondary education.

### **Athletics Take Upward Turn**

The High School is experiencing an upturn in athletic activities. A year ago, the first basketball team won four games and lost eleven, but the second team won thirteen and lost two, giving it the co-championship of the Middlesex League with Lexington. This second team has become the first team of 1939-40, and has won to date eight games and lost none. We all hope that it is well on its way to the championship of the league.

The baseball, golf, and tennis show signs of increased success during the coming year.

The football season for 1939 began in a rather discouraging manner. The captain had a severe injury, and the school authorities had

to place restrictions on certain members of the squad. The Coach had a heavy teaching program, and the whole situation indicated that some help had to be obtained, or football had to be given up as a sport. The Committee felt a certain amount of responsibility for providing the school and the team with such aid as would preserve the physical and character training which at least a fairly successful season would provide. In order to meet the situation, an assistant coach of outstanding experience was obtained, and under his leadership and that of the regular coach, the squad took new courage. This resulted in a steady improvement of the team and permitted it to end its schedule by a victory over Stoneham on Thanksgiving morning. The value of meeting the situation in this way was not basically the winning of a game, but a strengthening of the attitudes and morale of the whole student body. The total expense for coaching football and the other sports which the football coach also supervised was \$2,400. This included the cost of the instruction by the assistant coach, which was \$500, and also the classroom instruction by the regular coach five periods a day throughout the year. The amount spent, therefore, for this athletic leadership is far less than is found in many of the neighboring towns and is generally below what is paid for one athletic coach alone. Another year, it may be possible to make other arrangements for meeting this situation.

Appreciation should be given to Dr. Charles R. Wakeling whose services in the physical conditioning of the players has materially lessened the possibility of accidents and has taught each boy the value of keeping himself at the peak of physical fitness.

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## SPECIAL DEPARTMENTS

Beyond the regular work of the classroom and the curricula activities in the various schools, Reading is fortunate in having a number of special departments which make more effective the service rendered to the students.

### Health

Among these departments, the most important is that of Health. The School Physician, the School Nurse, and the Director of Physical Education are constantly working for the best health conditions possible in the Reading schools. The milk sold in the cafeterias and in the elementary classrooms is tested regularly each month for butter fat, solid material, and bacteria count. These reports indicate that our children are obtaining excellent milk which is a basic food for

all growing children. Throughout the schools, a health inventory is made. Approximately 2,100 pupils have taken the yearly health examination up to the present time. Audiometer tests have been given from the third grade through the ninth, and those found with defective ears on the first test have been retested. Eye tests as usual have been given by the teachers, and children showing defective vision have been retested by the nurse with the aid of the Harrington machine. The need for, and value of, such a comprehensive check-up of every pupil each year is at times questioned. The health workers in Reading, however, feel that it is excellent health insurance and pays for itself in the end many times. On March 8 and 9 was conducted the annual registration of pre-school children,—those who would enter for the first time in September, 1939. Of these children, 116 were registered at the Pre-School Clinic. One hundred twenty-nine requested examination and returned their physical record cards prior to school entrance. The number of children entering school with physical defects corrected shows appreciable increase over last year. Absence due to contagious disease has been very small. Chief among these diseases, however, have been: scarlet fever, three cases; mumps, thirty cases; and chicken pox, seven cases. The school nurse during the year has been giving health talks to the fifth and sixth grades and has supervised the promotion of health habits in the first four grades. The work in the Junior High School is centered around physical hygiene in the seventh grade, physiology in the eighth, and physiology as it applies to daily living in the ninth. Though the Habit Clinic was discontinued at the beginning of this school term, considerable help has been obtained from the Chadwick Clinic. This clinic provides the tuberculum test. In February, seventy-two per cent of the Junior High School students were tested and eighty-two per cent of the Senior High School students. One hundred and sixty-one were X-rayed and only one found to have a positive diagnosis. This case was recommended for sanitarium care. During the year, forty-two of the teachers availed themselves of the opportunity to obtain X-rays. Six diphtheria prevention clinics were held from March to May, and a total of 117 children made 351 visits to the clinic. There were forty-three or thirty-five per cent of the pre-school children recommended for tonsillectomy care at the summer tonsil clinic.

#### **Dental Clinic Gives Important Service**

The Dental Clinic under the auspices of the Reading Good Health Committee has given valuable aid in providing dental care at very low cost. Last year, with an additional day per week, 293 children were cared for. The Dental Clinic is very important, and since there is no dental association in Reading, the Good Health Committee has ren-



dered an outstanding service to the community in supporting this worthwhile project.



### Children Sent to Camps

During the summer, through the recommendation of the School Nurse two children were sent for six weeks each to Sharon, seven for two weeks each to the Salvation Army Camp, five for three weeks each to the Farrington Memorial Camp, and two for four weeks each to the Boy Scout Camp. The School Nurse has a full schedule of home visiting which is one of the most important phases of the school health program. On these visits, she acquaints parents with the specific problems relating to their own children. Throughout the year, cooperation has existed between the School Nurse and the Visiting Nurse Association which has been of very valuable assistance.

### Report of Physical Examinations

Dr. Charles R. Henderson, M.D., School Physician, has made the following report with reference to examinations he has conducted during the school year.

Physical Examinations .....	2,137	
Toxoid Inoculations		
School Children .....	74	
Pre-School Children .....	43	
	—	117
Inoculations (Three Per Child)		
School Children .....	222	
Pre-School Children .....	129	
	—	351
Inspection (Calls at Schools) .....		1,307
Exclusions for Contagious Diseases ...		85
Examinations for Work .....		20

### Art Department

During the year, the Supervisor of Art has attempted to make his subject an important part of pupils' activities throughout the elementary school, and, in the Senior High School, has developed stu-



dents with special talents in art. The work of the High School Art Department has been of great value to young people going on in art courses. During the spring, High School students competed for art prizes and have been very successful. The Junior High School art instructor has adapted her work to the philosophy of the Junior High School in such a way as to make it possible for students who have any art talent to procure skilled guidance in the most formative period of youth. The Manual Training Department has also cooperated with the Art Department and has been of great assistance in combining design and an appreciation of form with the manual side of shopwork. There is need of an expansion of art experience in other media than painting and design. In a community which appreciates craftwork, our Art Departments should look forward to instruction in tool leather, hammered brass, aluminum spinning, jewelry, and ceramics.

### **Music Work Growing**

The problem confronting the Director of Music is the development of tone and note reading in the elementary schools and that of instrumental and vocal music throughout the Junior and Senior High schools. For many students, music is a recreational experience and this has been taken into account in the excellent assembly programs. The High School program needs expansion and arrangements are being made to accomplish it. There should be offered not only instrumental, glee club instruction, and appreciation courses, but a course in harmony and a capella singing included in the regular High School program. In other words, Reading schools have grown to the point where they need an organized music program under one head so that the most effective results may be obtained. During the year, students from the Reading High School have gone to youth concerts in Boston, and have cooperated in the programs of the Civic Symphony Orchestra.

### **Attendance Department**

The Attendance Officer has performed excellent service in collecting data relative to school absences. If a child is absent more than two days, he is reported to the Attendance Officer. If, however, the absence is due to illness, a report is made to the School Nurse. One or the other visits the child and gives what aid is needed. The Attendance Officer reports that the chief reasons for a child being out of school are illness and certain psychological difficulties. These difficulties include misunderstanding of the work to be done in school

combined with the timidity which prevents asking for an explanation; absence due to lack of food or clothes; and far too often an indifference and careless attitude toward the need of coming to school. The Attendance Officer reports 18 calls a week in the interests of getting pupils in school. Eighty-five boys and fifty-two girls have received working certificates during 1939. The Supervisor reports that many of the boys and girls need domestic science or industrial arts training. The less book-minded students should be in classes which are organized to meet their individual needs. The Welfare Department and the Reading Visiting Nurse Association are to be complimented for their cooperation with the Attendance Officer.

### **Cooperating Agencies**

During the year, the W. P. A. officers supervised many valuable projects which have been important in the physical development of the school plant. This organization has always been most helpful and willing whenever it could do something for the schools. The grounds at the east of the Highland School were remade and resown by this organization. They have helped at carpentry work in the High School, painting in the various elementary schools, and have been of valuable assistance on the school grounds. The Welfare Department has cooperated with the school administration whenever they have been called upon and have given valuable assistance.

The picture of the Reading schools which I have tried to draw for you and for the citizens of the Town has been rather general in nature, but I hope it brings to you a record of what has been done though it had to be made by one who has had only four month's acquaintance with the Reading school system. I wish to thank you as members of the School Committee for the helpful suggestions and hearty support you have given me in understanding the common problems we are meeting in the interests of educational service to the children of the taxpayers of this Town. I hope I shall, as time goes on, become of increasing value to the school system and help bring about a continually increased service to the youth of Reading.

Respectfully submitted,

E. C. GROVER

**Age-Grade Table—October 1, 1939**

Age	Opportunity	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	P. G.	Total
5 Years		64													64
6 "		97	53												150
7 "		14	105	40											159
8 "	2	3	17	92	45										159
9 "	2		4	14	92	48	1								161
10 "	3			3	22	91	46	1							166
11 "	4				7	29	89	53							182
12 "	3				1	9	25	89	55	1					183
13 "					1	1	15	22	69	88	7				203
14 "	1						2	14	35	79	94	4			229
15 "						1		3	13	24	85	100	2		228
16 "									3	7	28	82	77	1	198
17 "								1	1	2	8	26	74	16	128
18 "											3	7	23	8	41
19 "												1	1	1	3
20 "															
21 and over														1	1
Total	15	178	179	149	168	179	178	183	176	201	225	220	177	27	2,255

# COMMENCEMENT EXERCISES READING HIGH SCHOOL

Class of 1939

Shepardson, Hall, Reading, Mass.  
WEDNESDAY EVENING, JUNE SEVENTH  
Eight O'clock

OVERTURE—"Pomp and Chivalry" Roberts  
High School Orchestra  
AMERICA, THE BEAUTIFUL Bates  
Audience and Senior Class  
PRAYER—Rev. E. Leslie Shaw

## Salutatory

"DARE TO BE A DANIEL"  
Jean Eleanor Marstaller

## TORCH ORATION

Richard Belgrade Knudson, Class President

PIANO SOLO—Impromptu in C Sharp Minor Rheinhold  
Marjorie T. Jewett

## ESSAY

Tercentenary of Reading  
Dorothy Evelyn Macmann  
Faculty Honors

## ESSAY

Building Ethical Standards in a High School  
Richard Earle Stratton  
Class Honors

## CONFERRING SCHOLASTIC HONORS

Rudolf Sussmann, Head Master

## VIOLIN SOLO

Allegro Brillante Tenhave  
Dorothy Margaret Harrow

## Valedictory

"Initiate—Don't Imitate"  
Ruth Pollitz

## CONFERRING DIPLOMAS

Frank D. Tanner, Chairman of School Board

GOD BLESS AMERICA Berlin  
Audience and Senior Class

BENEDICTION—Rev. E. Leslie Shaw

RECESSIONAL—Priests' March from Athalia" Mendelssohn  
High School Orchestra

### **Accounting Course**

Albert V. Blasi	James Arthur Heselton
Everett W. Brown	Ralph Thomas Meuse
Frederick Jackson Burrows	George Francis Powell
Louise May Clarke	Phillip Frederick Sears
Charles Richard Dacey	Richard James Snyder
John Roy Tebbetts	

### **Civic Preparatory Course**

Benjamin Gerry Beaudry	Beatrice Mary Griffin
Austin Fred Bennett, Jr.	Aileen Agnes Herrick
Annette Murray Benton	Arthur F. Hopkins, Jr.
G. Cleveland Blaisdell, Jr.	Astrid Linnea Johnson
Francis Gordon Brennan	Lennart Anders Johnson
Edith Phyllis Brown	Ruth Ellen Johnson
Alfred J. Burbine	Raymond Lloyd King
Harriett Claire Cahill	Marjorie Elizabeth Mack
Orrin Lloyd Chisholm	Newell Grant Mac Kenzie
Albert Levi Dinsmore	Theresa Mary McGrath
Frank Bean Dinsmore	Myles O'Donnell
Eva Mildred Doucette	Irene Reattia Orben
Guy Wilbert Ellison, Jr.	Robert Wilson Pratt
Thirza Alice Fisher	Harold Allen Richardson
Dorothea Ann Galvin	Margaret Rigione
Carl Edward Gilman	Mary Vera Robbins
Lawrence Amory Goodwin	Catherine Elizabeth Tebeau
Warren Dabney Goodwin	Kenneth Raymond Turner
Doris Jenny Gray	Edward Howard Watson

### **Classical Course**

Kenyon Irving Hicks	Dorothy Evelyn Macmann
	Ruth Pollitz

### **Clerical Course**

Carmela Cannuli	Blanche Veronica Koptuck
Claire Irma DeLong	Gertrude MacMillan
Alice Gertrude Gill	Mildred Marie Murphy
Marion Eleanor Gray	Jean Marie Nichols
Dorothy Margaret Harrow	Effie Grace Wildon

### **College Course**

Pauline Hussey Bertocci	Andrew James McLaughlin
Marion Louise Call	Edith Marie Olson
Norma Esther Charles	Carl Walker Pinkham, Jr.
Kenneth Melzar Coombs	Polly Parker Stembridge
John Duncan Hilchey	Irene Louise Sztucinski
Lawrence Ashley MacLeod	Damon D. Van Buskirk
Jean Eleanor Marsteller	Frank Haynes Weeks

### **Fine Arts Course**

Richard Belgrade Knudson      Elizabeth Mary Merrill  
Bertha Olive Page

### **Normal Course**

Gordon Abbott	Lois Cornwell Knapp
Richard Charles Austin	Marguerite Virginia Lane
Edward Paul Bradley	Virginia Rae Lester
Marjorie Redfield Clarke	Mildred Louise Lorgeree
Dorothy Emilene Colburne	Eleanor Mae Madden
Helen Mary Connelly	Barbara Francina Marshall
Marjorie Crosby	Robert H. Morrissey
Marian Goodridge	Roger Calvin Mussells
Edward Winslow Greenlaw	Lois Newhouse
Marjorie T. Jewett	Alma Elizabeth Putnam
Doris Lillian Kelly	Jane Morrison Tanner

Linda Twombly

### **Practical Arts Course**

Joseph Edward Arsenault	Edward Joseph Perry
Mildred Mary Arsenault	May Evelyn Peters
Marion Basset	Paul Oliver Petzold
Harold Alfred Melendy	Stewart R. Watkins

Robert Bruce Waugh

### **Scientific Course**

Richard Donald Childs      Richard Earle Stratton

### **Secretarial Course**

Dorothy Isabel Doucette	Mary Norton
Phyllis Ann Downs	Beatrice O'Connell
Dorothy Mae Evans	Beatrice Katherine O'Donnell
Dorothy E. Foster	Helen Marie O'Dowd
Gladys Belle Hall	Helen Muriel Penney
Olivia Ruth Hersom	Natalie Mae Pitman
Ruth Miriam Jewett	Catherine Josephine Powell
Shirley Johnson	Earl Martin Sargent
Janet Lawson	Ruth Natalie Titcomb
Mary Helen Madden	Marjorie Joanne Wellington
Audrey Eugenia Nicholson	Gladys Mae White

### **Irregular Course**

Edward Louis Beaudry, Jr.	Marion E. Ober
Claire Elizabeth Brigham	Dorothy Olive Smith
Marjorie Gale	Charles Roland Stuart
Mildred Gilj	Henry Joseph Tooley
Benjamin Howe, Jr.	Kathleen Walsh
Mary Theresa Hutchinson	Helen Claire Wescott
Ralph Crocker Keating	Etta Elvira Wood



DEDICATION  
OF  
PEARL STREET  
ELEMENTARY SCHOOL  
READING, MASSACHUSETTS

JANUARY 28, 1940

Three o'clock

Built under grant from Public Works Administration

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**PROGRAM**

MR. GROVER, Presiding  
Reading High School

Fantasia Impromptu Chopin

MARY BRONK

America the Beautiful Samuel A. Ward  
To be sung by audience

Invocation

REV. PAYSON E. PIERCE

Instrumental Trio

C Minor Trio, First Movement Beethoven  
Minuet Haydn

MRS. ANGUS MATHIESON, Piano  
MRS. RICHARD BEAN, Violin MR. EDWIN HEDGES, Violoncello

Presentation of Building

FRANK D. TANNER  
Chairman, School Committee

Acceptance

CARL W. GOODRIDGE  
Chairman, Board of Selectmen

Accomplishment of an Ideal

ARTHUR E. PIERCE  
Superintendent of Schools, Bangor, Maine

The Community Views the School

ERNEST E. BROWN  
School Patron

Introduction of Maud E. Adlington, Principal

Choral Selections

God is A Spirit Scholin  
Requiem Bantock  
Roll, Chariot Cain

Samuel A. W. Peck, Director

Address

The School and the Community

HON. WALTER F. DOWNEY

Commissioner of Education, Commonwealth of Massachusetts

The Star Spangled Banner

John Stafford Smith

To be sung by audience

Benediction

REV. MYLES J. McSWINEY

## REPORT OF THE SPONSOR'S AGENT

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February 9, 1940

To the Honorable Board of Selectmen,  
Reading, Massachusetts.  
Gentlemen:

I herewith submit the annual report of your Sponsor's Agent for the year 1939. During this period, twenty-two Federal projects were in operation, employing an average of 250 people who received in wages \$178,624.20. Each worker has an average of 4.8 dependents, making a total of 1200 individuals dependent upon W. P. A. work for their livelihood.

A brief description of projects operated during the past year follows. An itemized account of expenditures of funds for W. P. A. materials will be found in another part of the Town Report.

### Federal Funds Expended for Work Projects

W. P. A. Wages—January 1, 1939 to December 31, 1939 ..	\$178,624.20
Value of Surplus Food Commodities distributed .....	15,908.27
Value of Surplus Clothing distributed .....	11,574.25
Total .....	\$206,106.72

### Sewer Project

This project called for the installation of a trunk sewer line from Salem Street along Harrison to Orange, Orange to Pearl, and Pearl Street to new grade school, a distance of 1,700 feet. Considerable ledge was encountered in the excavation, the greater part where cut was 22 feet in depth. Pipe line however, was completed within the Federal Allotment for labor. Had this not been a W. P. A. project the additional cost of project to the town would have been approximately \$16,000.00.

### Furniture, Shoe and Toy Repair Project

Under this project furniture, shoes and toys donated by townspeople are repaired and renovated and distributed to needy citizens. During the Christmas season 1,015 toys were distributed to 510 children. This project employs an average of 22 men, all skilled in some phase of the work being done.

### School Grounds Project

Work on school grounds was started in May 1939 and continued through the year. At the Highland School the entire area on the School Street side was regraded, loamed and seeded. All walks were

regraded and surfaced with a permanent pea stone and asphalt surface.

At the Lowell Street School, all grass areas were regraded, loamed and seeded, and all driveways and walks resurfaced.

Work on the grading of the new Pearl Street school grounds was started on August 9, 1939. This necessitated the excavation of 15,390 cubic yards of earth, the laying of 1,246 lineal feet of 6-inch tile drain pipe, construction of 12 catch basins, construction of 1,577 lineal feet of concrete curb with brick top and grading and surfacing of 1,800 square yards of walks and driveways. Work will be completed in the summer of 1940.

#### **Laurel Hill Cemetery Wall**

The elevation of the retaining wall along Laurel Hill Cemetery on Main Street was increased from 1 foot to 3 feet for a distance of 493 feet. This eliminated a serious hazard to pedestrians which had existed for several years.

#### **Survey of Town Owned Buildings and Parks**

Plans of all town owned buildings including lot and floor plans, and plans of all parks were made under this project.

#### **Tracing of Old BPW Plans**

Under this project 240 old highway plans dated from 1840 to 1922 were copied on linen. These plans were originally drawn on brown paper and were fast deteriorating from use. This gives the Board of Public Works permanent records of original street plans.

#### **Street Survey Project**

This project was completed on June 6, 1939. Twenty miles of highways were surveyed for street locations, and elevations for profile and cross sections taken. Plans of the surveys were made by skilled draftsmen and are now on file in the office of the Board of Public Works.

#### **Moth Project**

Under this project, trees along 30 miles of highways were sprayed and nests of gypsy and brown-tail moths, tent caterpillars and associated insect pests over approximately 1,200 acres of woodland were creosoted.

#### **Tree Trimming**

Trees along 40 miles of the town's highways were trimmed and cleared of dead branches, trees bolted where necessary, cavities filled and unsafe trees removed.

### **Police Department Records Project**

Work on this project was started in August 1938 and completed on October 5, 1939. The purpose of this project was to classify and catalogue in complete filing record form, all arrests properly classified, complaints, warrants, summonses, auto accidents, etc. Also a card filing system for all dogs licensed during the current year, with full information as to the dogs and their owners, has been established. Separate listings have also been made showing street lists of all property with present tenants and owners, and a card filing system of all business establishments with names of the individuals to be notified in case of emergency. In all, 30,000 units of work were delivered to the Chief of Police upon completion of project. The systems established are being currently maintained by a clerk.

### **Forest Glen Cemetery**

The development of the second half of the Forest Glen Cemetery continued during 1939 until August when work was temporarily suspended. Work consisted of turning over 17,170 cubic yards of stone and removing all boulders, removal of 1,202 cubic yards of ledge, installation of a complete drainage system, construction of roadways, and mortared stone walls, loaming and seeding of completed areas. Work will be started again in the spring. When completed, the value of the area developed under WPA will be \$314,000.00. The estimated entire cost to the town for complete development of entire area will be approximately \$25,000.00.

### **Rip-Rapping Open Ditches**

Three thousand, eight hundred ninety-seven feet of open drainage ditches were widened, graded, banks sloped and where necessary, bottom and slopes rip-rapped. This not only insured a continuous flow of drainage water, thereby draining surrounding lands, but also eliminated mosquito breeding pools. Work on this project will continue in 1940.

### **Town Forest Roadways**

Work on the Town Forest roadways continued during 1939. This included the widening, grading and gravel surfacing of cart roads, the clearing of brush and trimming of new pine trees.

### **Grove Street Wall**

Under this project a mortared stone retaining wall 680 feet in length and averaging 9 feet in height was constructed. This was necessary due to the laying of a 12-inch water main and the widening of travelled way.

### **Reflooring Project**

Under this project, all flooring in the Senior High School, Chestnut Hill School and Lowell Street School was removed and new floors laid, sanded and treated. All floors were badly in need of replacement and had not Federal labor been available, work would of necessity have had to be done by the School Department.

### **Housekeeping Aides Project**

During 1939, the Housekeeping Aide Project, sponsored by the Board of Selectmen, has employed thirteen housekeeping aides, a clerk and a supervisor. In December this project was transferred to a state wide set-up, being sponsored by the Massachusetts Board of Public Welfare.

Seventy-nine families have received this housekeeping service during the year, twenty-six being for confinement cases, and the balance for ill health, old age and motherless homes.

Any family in the lower income group is entitled to this service upon the recommendation in writing of a doctor, Visiting Nurse, Welfare Office, Old Age Assistance Office, Soldiers' Relief Agent, or any recognized charitable organization. The purpose of this project is to furnish free home assistance in housework and care of children in the homes of the needy where the homemaker is totally or partially incapacitated because of ill health or confinement, or in case of some temporary emergency which makes this assistance necessary.

### **Vital Statistics Project**

During the year past a complete Index of the Vital Statistics of Reading, Marriages, Births and Deaths has been completed. This index extends from the year 1637 through 1937. It has been made in triplicate; one in the form of a Card Index, housed in appropriate steel files, and two in type-written book form, original and carbon copy, ready for binding. It should be observed that many cards and entries are missing for various reasons, either they have not been reported to the Town Clerk, or records have not been transferred when births have taken place in hospitals in other towns. It would be wise for citizens to check records of their families in the Clerk's Office.

### **Town Meeting Records**

This project was started in July 1939. The object of this work is the cataloging of all town meeting records from 1840 on, and card indexing the same. This will facilitate the looking up of any action that has taken place in the past years.

This record, when completed, will be kept in the Selectmen's office and will be available for all town officers.

### **Cemetery Record Project**

Complete survey was made of all existing records in regards to lots and burials. Some fifteen hundred lots were examined and hundreds of names were added to the records that had not appeared there before. Many corrections were made, especially, in the existing records previous to the year 1921.

Much work of value was performed by this project and the Cemetery Office is now using the records that were made. A master file was completed of all lots and burials and then a cross index made from that.

Another file was made of all U. S. Veterans buried in both cemeteries and quite a few Veteran graves were discovered that had not been known to exist before. This list will be of value on May 30th to be used in the decoration of these graves.

Many thanks are hereby extended to the cemetery authorities who gave us every cooperation and enabled us to complete a project that will increase in value as the years go by.

### **Fire Department Records Project**

The Fire Department Records project was sponsored by the Board of Selectmen and was in operation from January 23 to December 19, 1939 inclusive, employing an average of seven men.

To have statistics available in comprehensive form it was necessary to install a card record system of fires occurring and other calls answered during recent years. To accomplish this work we have prepared the following material:

1. Transcribe and Interpret .....	pages 11,384
2. Master Record Cards .....	17,562
3. Owner Record Cards .....	8,951
4. Occupant Record Cards .....	2,128
5. Location Record Cards .....	3,846
6. Cause Cards .....	5,231
7. Hydrant Location Maps .....	300
8. Gas Curb Cock Shut-off Maps .....	190
9. Business and Professional Emergency Address List .....	350

To assist the Department in quickly locating hydrant positions at times of fires, some stationary object in the immediate vicinity of



each hydrant has been conspicuously posted so that it is clearly seen upon approaching same. This is particularly helpful to out-of-town departments, and in the case of heavy snow storms, resulting in the burial of hydrants, either by natural snow fall or by street plows, this being especially true in outlying sections.

The project personnel wishes to take this opportunity to thank Fire Chief Hugh L. Eames, as well as the members of the entire Fire Department, for their great assistance and co-operation.

### **Local Compensation Division**

The following report covers the year of 1939 on injuries sustained by Reading W. P. A. workers:

1. Injuries of a minor nature not requiring the medical attention of a physician: 72 cases.

2. Injured and requiring medical attention of a physician, yet losing no time from work: 32 cases.

3. Injured and requiring medical attention of a physician, also losing time from work with compensation: Total of 8 cases.

This makes a grand total of 112 accidents in the Town of Reading for the year 1939.

The total amount of money paid to Reading doctors by the Federal Government for services rendered was \$418.00.

The total amount paid to doctors and specialists outside of Reading was \$227.00.

The total amount paid to hospitals was \$198.35.

The total amount paid to pharmacies in the Town of Reading for the year 1939 was \$4.50.

### **Centers and Playgrounds by Seasons**

WINTER—January to March

Reading Recreation Center—180 Haven Street

Craft Room—8 Woburn Street

Senior High School—Sanborn Street

Room 19, Town Building—Lowell Street

Skating Areas—Memorial Park, Dickie's

SPRING—March to June

Recreation Center—180 Haven Street  
Craft Room—8 Woburn Street  
Memorial Park  
Washington Street  
Room 19, Town Building—Lowell Street

SUMMER—June to September

Memorial Park  
Junior High Field  
Birch Meadow  
Washington Street  
Craft Room—8 Woburn Street

FALL—September to October

Craft Room—8 Woburn Street  
Memorial Park  
Washington Street  
Birch Meadow  
Senior High School—Sanborn Street  
Room 19, Town Building—Lowell Street

WINTER—October to December

Memorial Park  
Senior High School—Sanborn Street  
Room 19, Town Building  
Craft Room—8 Woburn Street  
Game Rooms—44 and 46 Haven Street

I wish to thank the Board of Selectmen for their cooperation and advice, also other Town Boards who have at all times been helpful and cooperative.

Yours very truly,

ARTHUR MICHELINI,  
Sponsor's Agent.

## BOARD OF PUBLIC WELFARE

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The work of the Welfare Department for the past year has in a general way been similar to the operations of recent years. We have, however, given the greatest possible attention to individual cases in an effort to keep the expense of public assistance to a minimum, bringing from twenty to forty cases up for discussion at each of the weekly meetings of the board. The Federal Government and the State welfare authorities have broadened their interest in the work of local boards and have continued to enlarge their financial contribution.

This means that we are constantly confronted with changes in rules, regulations, and methods of procedure, to which we must adapt the work of the local department in order that the town may benefit to the fullest extent in Federal and State reimbursements.

It will astonish a person not familiar with the present-day program of public relief to learn the numerous categories with which the local department is connected, directly or indirectly. General Aid, Old Age Assistance, and Aid to Dependent Children are handled entirely by this department. In matters of investigation and certification the Civilian Conservation Corps, the National Youth Administration, the Surplus Commodity Division, and the W. P. A. are referred to us. We are further connected with the state divisions having charge of Aid to the Blind, Child Guardianship, and State Institutional Care. To some extent, also, we work in conjunction with departments caring for assistance to veterans and for medical care and attention in certain cases of contagious diseases. Each of these latter categories means clerical and investigation work in addition to that involved by the ordinary welfare branches of General Aid, Old Age Assistance, and Aid to Dependent Children, for which the department was originally set up.

It should be kept in mind that many decisions of local welfare boards are matters of legal compulsion and are not necessarily the action a board would take from its own knowledge of local conditions which affect the matter in hand.

The board suffered a great loss through the death of Mrs. Harriet L. Rooney in April. Mrs. Rooney gave five years of wholehearted service to the work of this department. The board gratefully acknowl-

edges her valuable efforts and is glad of the opportunity to pay her its highest personal tribute.

Respectfully submitted,

KITTIE M. BANGS, Chairman,

ALBERT L. WELLMAN, Jr.,

MILES C. HIGGINS,

Board of Public Welfare.

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## REPORT OF THE WELFARE SUPERINTENDENT

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To the Board of Public Welfare:

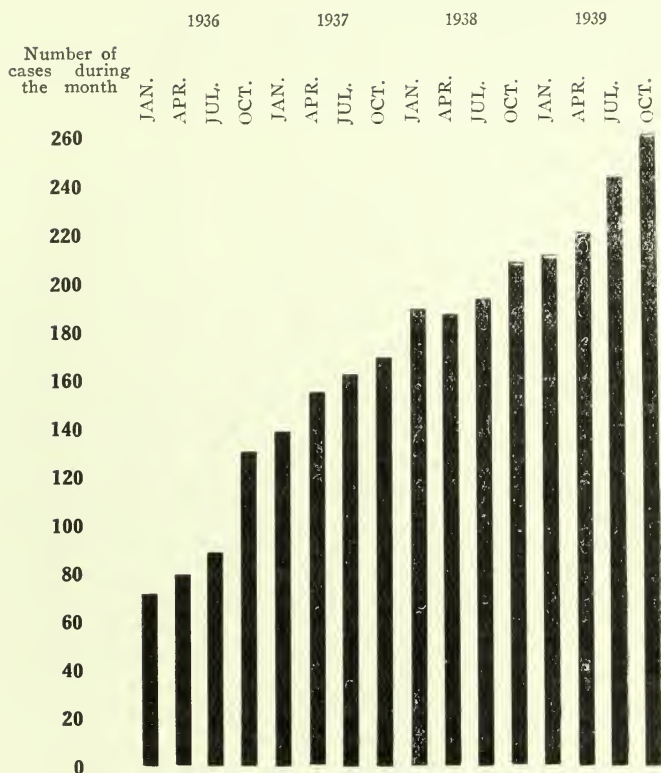
The welfare department had 590 cases on its records during 1939, an increase of 37 cases over the previous year. This increase was mainly in Old Age Assistance cases, with a total of 288 in 1939, against a total of 244 in 1938. In the Aid to Dependent Children classification there was an increase of 4 cases over 1938 but several families in this group were carried only a short time during the year, with the result that expenditures showed a decrease of \$500.00 from the previous year. In General Aid there was a decrease of 10 in the total of cases handled, 280 in 1938 and 270 in 1939, the expenditure for the two years being about the same. The total of all forms of assistance furnished by the department was about \$8,000.00 more than in 1938, the increase being due entirely to Old Age Assistance.

A tabulation of all the surveys and statistics which the department has made during the past seven years would be a very unwieldy thing, probably more confusing than useful, but certain factors have been developed which can be briefly summarized and which are of interest to the property owner and to the person who pays rent.

The General Aid case load, which rose to its highest point in 1935, has dropped to a lower level which has some appearance of becoming static. The Aid to Dependent Children cases have increased 200% in the last seven years, with a leveling off during the past 3 years. The number of persons receiving Old Age Assistance shows an increase approaching 500% since 1932, maintaining a steady rise with no definite indication of tapering off. So we have: General Aid not increasing, Aid to Dependent Children increasing but slightly, Old Age Assistance going up at the rate of forty cases or more each year.

A simple chart will show this rapid increase in assistance to the aged more clearly than the reciting of figures.

# Periodic Increase in Old Age Assistance Cases During the Last Four Years



Now for the financial effect in the place where it seems to hurt the most, that is, in the local property tax rate.

In 1933, with an expenditure of \$107,000.00, the proportion falling on local taxation was \$83,000.00, or about 80%. In 1939, with a total expenditure nearly 50% larger, due to the increase in Old Age Assistance and, to a lesser degree, Aid to Dependent Children, local taxation carries but 40%, or \$60,000. In other words, in 1933 a relief total of

\$107,000.00 placed a burden of \$83,000.00 on Reading real estate, while a relief total of \$150,000.00 in 1939 required raising a net amount of only \$60,000.00, affecting the tax rate less than four dollars.

Of course, all this relief money is coming from somewhere, but it is clearly evident that the tendency of effect on local taxes is a matter of congratulation rather than concern. A study of the sources from which the federal and state contributions are derived would undoubtedly run into matters very involved and complicated but would tend to show just where the major portion of the burden is being carried or in what manner obligations for it may have to be met in the future.

The sections of public relief activity which come directly and wholly under this department represent considerably less than half the entire public assistance program now in operation in Reading. W. P. A. pay rolls in Reading exceeded \$178,000.00 in 1939, exclusive of amounts paid for material, truck hire, administration, etc. The Federal Surplus Commodities Division gives the value of commodities distributed to needy families as \$16,000.00 for food and \$11,500.00 for clothing. Assistance to veterans and their families, amounting to some \$12,000.00 a year, aid given by the Division of Aid to the Blind, and certain national programs, such as the Civilian Conservation Corps, National Youth Administration, and others, will bring the total of all assistance given unemployed and needy persons well up to \$350,000.00. When we look at this figure of \$350,000.00 and compare it with the \$60,000.00 noted previously as representing the net burden on town taxes so far as this department's expenditures are concerned, it is obvious that the town welfare appropriation is a minor figure in the whole picture.

The detailed classification of expenditures has been submitted to the Town Accountant and appears in his report.

Nearly all categories use the public welfare department for purposes of investigation, referral, certification, etc., so that our administrative detail has increased greatly in proportion to our actual departmental expenditure. In September, for instance, the W. P. A. laid off all its employees who had been on the list for eighteen months or more. This meant that some 150 former W. P. A. cases had to be interviewed and preparation made for recertification within a month, in addition to the regular run of applications which ordinarily goes on. All applications for enrollment in the Civilian Conservation Corps and the National Youth Administration, as well as authorizations for Surplus Commodities, are made through this department.

In the spring it became necessary for the town authorities to make some disposition of the old Town Farm building, where we had been quartered for the past few years, to make way for the grading and clearance of the grounds for the new Pearl Street School. It was finally decided to demolish the old building, after several unsuccessful



attempts to sell it to someone who would remove it from the grounds, and it was suggested that welfare labor be used to tear it down. This suggestion was carried out and enough material was salvaged to erect a small building on the town dump lot on John Street, to be used as a wood shed and to provide housing for the welfare trucks. All the work was done by men working out welfare time and although many men of many trades, and indeed, several with no trade at all, put their hands to the job from time to time, a modest structure of very passable appearance was produced which serves its purpose quite satisfactorily. All the material, even to clapboards and shingles, was reclaimed in tearing down the old building, and aside from paint the expense was negligible. The men who had a hand in it may be surprised to learn that the building they created is valued at better than two thousand dollars in the town's insurance schedule.

For several months our office staff had to be crowded into two small rooms in what was formerly a private residence at the corner of Union and Harnden Streets. Conditions were uncomfortable and it was hard to maintain efficiency but we made the best of it and at this writing we are just getting settled in new quarters in the Union Street School building, which, when completely arranged, will provide a place far better adapted for our work.

The State Department of Public Welfare has undergone a complete reorganization during 1939. The details of this movement are highly technical and, in the main, lacking in interest for the average citizen. It has, however, had and will continue to have, a profound effect on the action of municipal boards and to a greater degree on the employed personnel of local welfare departments. This radical change in the procedure of the State welfare departments has been brought about more especially by the increased participation of the State and the Federal Government towards the cost of various forms of public assistance, notably Old Age Assistance and Aid to Dependent Children. The general principle is that wherever the State or Federal dollar goes, the examining finger of the donor follows immediately after. This is all well enough, and no doubt a wise precaution in some localities, but the people of the cities and towns of New England have always viewed askance anything that takes away from local authority its privilege of free action and judgment in affairs which are predominantly of interest and concern to the community where they exist. Nevertheless, we have no other course than to comply, in view of the substantial financial benefit to the town. The Board is well acquainted with the multiplicity of forms, reports, estimates, surveys, etc., which this department is required to submit for state approval, and knows, further, that they will increase in number and detail in 1940. One of these state forms has given many relief officials some sober thought

recently. It is a form designated "Certification of Eligibility" and the work required for filling it out is the same task we have always performed in any relief case, that is, the proper investigation and inquiry, the presenting of the facts and conditions of the case to the local board, and the action of the board authorizing such relief as may be deemed necessary. Now, however, this form, after being properly completed locally, goes along to the state district office and is there approved officially as a "certified relief case." It seems very nearly to be placing the unfortunate person or family concerned under a social classification apart from others. It gives an unpleasant suggestion of permanency to the transaction, somehow admitting that a new social order is upon us. Perhaps it is.

On behalf of the department workers, and for myself, I wish to give recognition to the interest and attention given by the board throughout the year, and to express appreciation for the cooperation of other town departments and for the assistance which many citizens have given us in various ways.

Respectfully submitted,

EDWARD E. HARNDEN,

Welfare Superintendent and  
Director of Old Age Assistance.

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### **SPECIAL DRAINAGE COMMITTEE**

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To the Citizens of Reading:

The Special Committee on Drainage for the low area adjacent to Lake Quannapowitt submits herewith a report of their progress during 1939.

The Committee was established at a Special Town Meeting held March 20, 1939, under Article 2, and the members of the Committee met for the first time on March 31, 1939 in Room 19, Municipal Building, and elected as officers Wendell P. Davis, Chairman; Harold W. Putnam, Secretary; Philip Welch, Clerk. Sub-committees were also appointed to confer with State Departments of Health and Public Works, also a Legislative Committee.

During the year, the Committee held fourteen meetings, two of which were joint meetings with Wakefield Town officials and interested citizens. At the joint meetings, the Committee endeavored to arrive

at some method of solving the drainage problem which would be suitable to both Towns, but was unsuccessful.

After careful deliberation, the engineering firm of Whitman & Howard was retained as consultants to review the drainage methods suggested in past years and recommend a definite drainage system. Much field and office work was accomplished by this firm, and a report made to the Committee on their findings.

At a Special Town Meeting held June 5, 1939, the Committee reported their progress to the Town, and made several recommendations, the most pertinent of which was that the Town petition the General Court of the Commonwealth for special legislation providing for the drainage of the low areas located within the limits of the Town of Reading adjacent to Lake Quannapowitt. Unanimous consent of the meeting was given, and the General Court was so petitioned.

As House Bill Number 2398, a petition was introduced, and after its entry was allowed by Legislative committees, assigned to the Committee on Harbors and Public Lands. Hearings were held and several amendments were made to the original bill. Finally, the following Act was passed and signed by the Governor of the Commonwealth on August 11, 1939:

## CHAPTER 458—ACTS OF 1939

### THE COMMONWEALTH OF MASSACHUSETTS

In the Year One Thousand Nine Hundred and Thirty-Nine

#### AN ACT PROVIDING FOR THE DRAINAGE OF THE LOW LANDS ADJACENT TO LAKE QUANNAPOWITT IN THE TOWN OF READING

Section 1. Subject to the conditions herein imposed the Department of Public Works hereinafter referred to as the Department is hereby authorized and directed to construct a system of drainage or other works for suitably draining the low lands located in the Town of Reading adjacent to Lake Quannapowitt, and said Department is hereby authorized and empowered to construct such ditches, dikes, dams, channels, canals, pipe lines or other structures and to construct and reconstruct such dams, weirs, outlets, culverts or other works as such department may deem necessary and proper for carrying out the provisions of this act.

Section 2. In carrying out the provisions of section one the Department shall have the authority to establish from time to time the legal high water level of Lake Quannapowitt and provide for the proper removal of the water of the lake at all times and to remove any ob-

struction to the flow of the Saugus River in this vicinity, for the purpose of preventing the flooding of lands adjacent to said lake and for the accomplishment of all the purposes set forth in this act. The Town of Wakefield may regulate the water of the lake between the high water mark established hereunder and the low water mark established by chapter five hundred and thirty-nine of the acts of nineteen hundred and nine. The Department shall so construct the drainage works herein provided for and the Town of Reading shall so maintain and operate them that the water level in the lake can, so far as practicable, be maintained between said marks.

Section 3. For the purpose of constructing such drainage system and carrying out the provisions of this act the said department, acting in behalf of the Commonwealth, may take by right of eminent domain under the provisions of chapter seventy-nine of the General Laws or acquire by purchase or otherwise all lands, water rights, rights of way and easements within the Towns of Reading, Wakefield and Lynnfield which the department may deem necessary for the purposes of this act.

Section 4. The total cost of said work shall not exceed one hundred and twenty-five thousand dollars, and the town of Reading shall pay into the state treasury the initial sum of ten thousand dollars, which sum shall constitute a fund for the improvements herein authorized, and be used without further appropriation by the general court, in part for the necessary engineering service, surveys and the design of the proposed drainage system, and no construction work shall be begun hereunder until the department has held a public hearing, duly advertised, and there shall have been paid into the state treasury by the said town the further sum of one hundred and fifteen thousand dollars which shall be added to said fund. Any surplus of said fund remaining after the completion of the work authorized by this act shall be refunded by the state treasurer to the said town; provided, however, that no lands, water rights, rights of way or easements shall be taken or purchased nor shall any construction work be commenced until such time as the drainage system designed by the department shall have been approved by the special drainage committee of the town of Reading. Such fund may be expended, without further appropriation by the general court, in co-operation with the federal government in unemployment relief and other projects as may be determined by the department.

Section 5. For the purposes set forth in this act, the town of Reading after the acceptance thereof, as hereinafter provided, may borrow from time to time, within a period of five years from the effective date of this act, such sums of money as may be necessary not exceeding, in the aggregate, one hundred thousand dollars, and may issue bonds or notes therefor, which shall bear on their face the words "Town of Reading, Drainage Loan Act of 1939." Each authorized issue shall constitute

a separate loan, and such loans shall be paid in not more than thirty years from their dates. Indebtedness incurred under this act shall be in excess of the statutory limit, but shall, except as provided herein, be subject to chapter forty-four of the General Laws, exclusive of the limitation contained in the first paragraph of section seven thereof.

Section 6. When the work authorized herein shall have been completed, the same shall be maintained by said town of Reading and said town is hereby authorized to enter upon and dig up and excavate within the limits of the towns of Wakefield and Lynnfield any private land within the area of any easement acquired under this act, or any public or private way for the purposes of maintaining, repairing or reconstructing such system or works, and to do any other things necessary or proper for any of the foregoing purposes; provided that any public way in the town of Wakefield in which the maintenance work is done under the provisions of this act shall be restored by the said town of Reading to a condition satisfactory to the selectmen of the town of Wakefield. All lands or rights in land acquired by the department in connection with the work shall be conveyed by the department to the said town of Reading.

Section 6A. Nothing in this act shall be deemed to affect any provision of chapter four hundred and eighty-eight of the acts of nineteen hundred and two.

Section 7. This act shall be submitted to the registered voters of the town of Reading for acceptance at any annual or special town meeting held within three years after its passage, but such special town meeting shall not be held during the period from June fifteenth to September fifteenth in any year, in the form of the following question which shall be placed on the official ballot for the election of officers if at an annual meeting and on a special ballot if at a special town meeting: "Shall an act passed by the general court in the year nineteen hundred and thirty-nine entitled 'An Act providing for the drainage of the low lands adjacent to Lake Quannapowitt in the town of Reading', be accepted?" If a majority of the voters of said town vote in the affirmative, then this act shall thereupon take full effect, but not otherwise.

This Act required that Chapter 458 be submitted to the voters of Reading by ballot before becoming effective. A special election was held Monday, October 2, 1939, at which a majority of the votes cast were in favor of accepting the Act, which immediately became law.

Chapter 458 further provided that an initial sum of \$10,000.00 be paid by the Town of Reading into the State Treasury, to constitute a fund for the improvements authorized by the Act and to be used in part for the necessary engineering service, surveys and the design of the pro-



posed drainage system by the State Department of Public Works. At a Special Town Meeting held October 17, 1939, the sum of \$10,000.00 was raised and appropriated and subsequently paid into the State Treasury.

Field crews from the State Department of Public Works have, at the time of this report, nearly completed their preliminary surveys; and a tentative design for the proposed drainage system is being drawn. When the drainage system plans are completed, hearings will be held with representatives from the three townships affected present: i. e., Reading, Wakefield and Lynnfield Center, with final approval and acceptance of the system vested in the voters of the Town of Reading.

It was intended by the Committee to present the design of an approved drainage system to the citizens of Reading at the annual March, 1940 Town Meeting, but due to the amount of preliminary work necessary by the State Department of Public Works, this does not now seem probable. The State Department of Public Works is making every possible effort to have the design ready for presentation to the Town at an early date. Final approval of the design to be submitted by the State must be given by the Special Drainage Committee, and an additional appropriation must be made before actual construction work can be started.

The Committee will present the approved drainage plan to a Special Town Meeting in the year 1940.

WENDELL P. DAVIS, Chairman  
HAROLD W. PUTNAM, Secretary  
EDWARD A. BROPHY  
WILLIAM A. CONNELLY  
ARTHUR W. COOLIDGE  
SAMUEL H. DAVIS  
CARL W. GOODRIDGE  
HERBERT W. HUNT  
FREDERICK LAIDLAW  
PHILIP R. WHITE  
GEORGE ZANNI  
Special Drainage Committee



## REPORT OF INSPECTOR OF MILK AND FOOD

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To the Honorable Board of Health,  
Gentlemen:

The inspection of the milk supply of the Town of Reading for the year 1939, has consisted of the analysis of the local milk for its bacteria content and the fat and total solids contents. Eighty-nine samples of milk were analyzed with satisfactory results in most cases. There were four cases of mastitis found in the raw milk, but were remedied before any damage was done. Something will have to be done about the raw milk situation in the near future to avoid any possible chance of trouble.

In addition to the analysis of the milk, eighteen dairy inspections were made during the year. These inspections consist of the inspection of the cows, the barns, and milk rooms, as well as the equipment and the manner in which the milk is handled. There were very few infractions of the Board's regulations and these have been remedied.

There were fifty-five dealers and stores licensed to sell milk and cream, and ten stores licensed to sell oleo-margarine.

The inspection of the food supply consisted of the inspection of all stores, bakeries, and restaurants where food is stored or handled. Also in some cases in the inspection of the food. In most cases the sanitary conditions of the places handling food were found to be satisfactory. Thirty-four inspections were made this year.

Respectfully submitted,

CARL M. SMITH,

Inspector of Milk and Food.

## REPORT OF BOARD OF ASSESSORS

To the Citizens of the Town of Reading:

This Board organized on March 7, 1939 by electing Arthur S. Cook, Chairman, Edgar Frost, Secretary and George E. Horrocks being the third member of the Board. Christine F. Atkinson and Constance B. Marden were retained as office assistants. Ruth T. VanHorn and Helen Badger were appointed Assistant Assessors to canvas and compile the Poll and Dog Lists. Owing to a change of the law covering the compilation of the annual Street and Alphabet List, this work was transferred to the Board of Registrars.

The Field Work of the Board of Assistant Assessors began on January 3, 1939 and continued until completion.

Construction of new buildings in Reading during the past year is reflected by the addition of 35 new buildings, which together with the additions and alterations, indicated an increase in taxable valuation amounting to \$127,970.

Owing to action by the Massachusetts Legislature, announcement of the 1939 Tax Rate was necessarily delayed until Sept. 1, 1939 and although drastic reductions were made in the budgets of the various Town Boards, the State and County taxes were greatly increased, which combined with debt and interest maturing, resulted in a Tax Rate of \$34.00 per M., or an increase of \$1.50 over the 1938 Tax Rate.

All abatement and exemption requests have been acted upon and decisions rendered in accordance with our best judgment.

This Board meets on Friday evenings from 7:30 to 9:00 p. m. at the Municipal Building for the convenience of citizens desiring to confer with the Board.

The following statistics for 1939 are respectfully submitted:

### Valuation of Taxable Property

Buildings, exclusive of land .....	\$ 12,652,430
Land, exclusive of buildings .....	3,578,290
Personal Estate .....	696,306
<hr/>	
Total Taxable Valuation .....	\$ 16,927,026
Amount appropriated for Town Purposes .....	\$729,217.20
Debt and Interest maturing .....	64,475.00
Amount of Overlay Deficit '36 ....	500.13

Amount to be paid for State and County Taxes .....	103,545.30	
Amount of Overlay .....	6,898.89	
	<hr/>	
	\$904,636.52	
Less Estimated Receipts .....	\$272,194.69	
Excise Tax .....	25,000.00	
3602 Polls at \$2.00 .....	7,204.00	
Over Estimate State and County Taxes, '38 .....	513.18	
Available Funds .....	24,205.82	\$329,117.69
	<hr/>	
Amount to be raised .....		\$575,518.83
Tax rate for 1939 (Amount to be raised divided by total taxable valuation) is \$34.00 per M.		

#### Recapitulation

Real Estate Tax .....	\$551,844.48
Personal Estate Tax .....	23,674.35
Poll Taxes .....	7,204.00
Excise Taxes .....	23,951.05
Moth Assessment .....	576.75
Betterments:	
Sewer .....	437.40
Sidewalk and Curbing .....	1,124.89
Highway .....	2,336.84
Water .....	847.75
Additional Polls .....	12.00
December Commitment .....	49.30
	<hr/>
	\$612,058.81

#### Detail of State and County Taxes

State Tax, 1939 .....	\$ 45,900.00
State Tax, 1938 deficit .....	22,950.00
State Parks, 1939 .....	741.98
State Parks, 1938 deficit .....	44.77
Metropolitan Sewer, 1939 .....	11,955.19
County Tax, 1939 .....	21,916.97
County Tax, 1938 deficit .....	36.39
	<hr/>
Total State and County Tax for 1939 .....	\$103,545.30

### Valuation Comparison

	1938	1939	Inc.	Dec.
Val. of Bldgs. only ..	\$12,524,460	\$12,652,430	\$127,970.00	
Val. of Land only ....	3,571,355	3,578,290	6,935.00	
Val. of Personal Prop- erty .....	694,754	696,306	1,552.00	
Val. of Town Prop- erty .....	1,497,960	1,495,960		2,000.00
Val. of Exempted Prop- erty .....	532,320	557,320	25,000.00	
Val. of Excise Tax ...	712,195	842,300	130,105.00	
December Commitment	625	1,450	825	
Total Town Val. ....	\$ 19,533.669	\$19,824,056	\$292,387.00	\$ 2,000.00

Net Change in Valuation \$290,387.00

Tax Rate ..... \$32.50 per M. \$34 per M.

### Miscellaneous Data

	1938	1939	Inc.	Dec.
Number of Persons, Partnerships and Corporations As- sessed .....	3,067	3,165	98	
Number of Automo- biles Assessed .	3,181	3,470	299	
Number of Polls .....	3,142	3,608	466	
Number of Horses ....	33	35	2	
Number of Neat Cattle	157	175	18	
Number of Swine ....	79	100	21	
Number of Dwelling Houses .....	2,697	2,732	35	
Number of Acres Land	5,570	5,570		
Number of Fowl .....	15,851	16,579	728	

ARTHUR S. COOK

EDGAR FROST

GEORGE E. HORROCKS

Board of Assessors

## REPORT OF COLLECTOR OF TAXES

### Taxes 1934

Uncollected December 31, 1938 .....	\$	166.71		
Interest and Costs Collected .....		12.84		
Paid Treasurer .....			\$	53.69
Abated .....				125.86
				<hr/>
	\$	179.55	\$	179.55

### Taxes 1935

Uncollected December 31, 1938 .....	\$	584.18		
Interest and Costs Collected .....		61.07		
Additional Commitment .....		2.00		
Paid Treasurer .....			\$	231.14
Abated .....				345.39
Uncollected December 31, 1939 .....				70.72
				<hr/>
	\$	647.25	\$	647.25

### Taxes 1936

Uncollected December 31, 1938 .....	\$	1,685.18		
Interest and Costs Collected .....		198.35		
Paid Treasurer .....			\$	750.37
Abated .....				779.51
Uncollected December 31, 1939 .....				353.65
				<hr/>
	\$	1,883.53	\$	1,883.53

### Taxes and Assessments 1937

Uncollected December 31, 1938 .....	\$	33,832.77
Interest and Costs Collected .....		2,758.59
Refunds Account Taxes .....		203.75

Refunds Account Interest and Costs .....	8.05	
Paid Treasurer .....		\$ 32,601.85
Transferred to Tax Title Account .....		1,811.49
Abated .....		806.80
Refund Account Interest and Costs .....		8.05
Uncollected December 31, 1939 .....		1,574.97
		<hr/>
	\$ 36,803.16	\$ 36,803.16

#### **Taxes and Assessments 1938**

Uncollected December 31, 1938 .....	\$169,497.30	
Interest and Costs Collected .....	3,613.87	
Additional Commitments .....	6.00	
Refunds Account Taxes .....	739.03	
Refunds Account Interest .....	.12	
To be Refunded Account Taxes .....	18.69	
Paid Treasurer .....		\$123,907.49
Transferred to Tax Title .....		6,357.02
Abated .....		1,663.35
Refund Account Interest .....		.12
Uncollected December 31, 1939 .....		41,947.03
		<hr/>
	\$173,875.01	\$173,875.01

#### **Taxes and Assessments 1939**

General Tax Warrant .....	\$611,149.38	
Interest and Costs Collected .....	691.02	
Refunds Account Taxes .....	2,371.29	
Refunds Account Costs .....	.70	
Paid Treasurer .....		\$432,926.05
Adjustment .....		.50
Transferred to Tax Title .....		3,804.49
Abated .....		6,685.36
Refund Account Costs .....		.70
Uncollected December 31, 1939 .....		170,795.29
		<hr/>
	\$614,212.39	\$614,212.39



### Sewer Rentals

Uncollected December 31, 1938 .....	\$	1,652.38	
Committed, 1939 .....		8,662.44	
Interests and Costs Collected .....		174.36	
Refunds Interest and Costs .....		.56	
Refunds Sewer Rentals .....		14.20	
Paid Treasurer .....	\$	9,158.52	
Transferred to Tax Title .....		90.35	
Refunds Interest and Costs .....		.56	
Uncollected December 31, 1939 .....		1,254.51	
	\$	10,503.94	\$ 10,503.94

### Highway Betterment

Commitments, 1939 .....	\$	3,522.91	
Deferred Payments .....			\$ 3,522.91
	\$	3,522.91	\$ 3,522.91
Advanced Payment Apportioned Highway .....	\$	296.16	
Interest and Costs Collected .....		4.65	
Paid Treasurer .....			\$ 300.81
	\$	300.81	\$ 300.81

### Sidewalk Betterment

Commitment, 1939 .....	\$	2,387.85	
Paid Treasurer .....			\$ 428.47
Deferred Payments .....			1,879.33
	\$	2,307.85	\$ 2,307.85
Advanced Payments Apportioned Sidewalk ....	\$	207.67	
Interest Collected .....		.22	
Paid Treasurer .....			\$ 207.89
	\$	207.89	\$ 207.89

### Sewer Betterment

Commitment, 1939 .....	\$	91.42		
Deferred Payments .....			\$	91.42
	\$	91.42	\$	91.42
Advanced Payment Apportioned Sewer .....	\$	34.72		
Interest Collected .....		.33		
Paid Treasurer .....			\$	35.05
	\$	35.05	\$	35.05

### Water Liens Added to Taxes

Uncollected December 31, 1938 .....	\$	749.38		
Commitment, 1939 .....		417.33		
Interest Collected .....		42.58		
Paid Treasurer .....			\$	445.95
Added to 1939 Taxes .....				764.24
	\$	1,209.29	\$	1,209.29

### Water Liens Not Added to Taxes

Commitments, 1939 .....	\$	231.00		
Paid Treasurer .....			\$	5.70
Unpaid December 31, 1939 .....				225.30
	\$	231.00	\$	231.00

### Recapitulation

Total receipts from taxes and assessments:				
Taxes .....	\$556,288.17			
Highway Assessments and Interest .....	2,124.36			
Sidewalk Assessments and Interest .....	1,629.13			
Sewer Assessments and Interest .....	9,489.86			
Water Liens .....	791.66			
Motor Vehicle Assessments .....	23,171.02			
Interest and Costs, etc. ....	7,607.88			
	\$601,102.08			
Paid to Treasurer as per Treasurer's Receipts .			\$601,102.08	
		GRACE V. VIALI,		
		Collector of Taxes.		

## REPORT OF THE TREASURER

For the Year Ended December 31, 1939

The transactions in the General Cash Account, in summary form, were as follows:

Balance January 1, 1939 .....	\$346,616.90
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### Receipts:

Grace V. Viall, Collector .....	\$601,102.08
Municipal Light Department .....	385,516.59
Water Department .....	55,727.64
School Department .....	14,072.98
School Cafeteria .....	12,097.60
Cemetery Department .....	5,151.60
Tree Warden and Moth Department .....	604.75
Library .....	499.31
Town Clerk—Dog License Fees .....	3,068.26
Hearings, Licenses and Permits .....	883.50
Other Departmental Receipts .....	5,517.77
Old Age Assistance Grants and Refunds ..	63,502.99
Welfare and Soldiers Relief Refunds .....	17,053.36
Aid to Dependent Children, Grants and Refunds .....	13,475.88
Temp. Loans in Anticipation of Revenue ..	475,000.00
P. W. A. Grants for Elementary School ..	39,171.60
Light Department Building Loan; Tempo- rary and Funded .....	72,000.00
Light Department Storm Damage Loan ..	25,000.00
Light Department Underground Construc- tion Loan .....	15,000.00
Municipal Relief Loans .....	32,000.00
General Storm Damage Loan .....	13,000.00
Drainage Loan .....	9,000.00
Tax Title Loan Renewed .....	8,383.63
Commonwealth of Mass., Taxes .....	52,744.34

Commonwealth of Mass., Highway Fund ..	24,911.87	
Commonwealth of Mass., Soldiers' Benefits ..	1,211.06	
State and County—Highway Funds .....	10,197.56	
Light Department Transfer of Income ....	24,000.00	
Redemption of Property—Taxes, Interest and Costs .....	9,231.39	
Trust Funds Transfers .....	7,141.73	
Trust Funds Income .....	2,980.00	
Miscellaneous .....	7,751.01	
	<hr/>	
Total Receipts .....		\$2,006,998.50
		<hr/>
		\$2,353,615.40

Disbursements :

Temporary Loans in Anticipation of Revenue .....	\$475,000.00	
Funded Debt .....	67,100.00	
Storm Damage Loans .....	38,000.00	
Light Department Bldg. Temporary Loan .	36,000.00	
Highway Construction Loan .....	29,000.00	
Tax Title Loan .....	8,538.19	
Interest .....	12,174.27	
State Tax and Assessments .....	57,105.43	
County Tax .....	21,916.97	
Com. of Mass. for Drainage Survey .....	10,000.00	
Other Disbursements .....	1,443,805.05	
	<hr/>	
Total Disbursements .....		2,198,639.91
		<hr/>
Balance December 31, 1939 .....		\$154,975.49

**Notes Issued in Anticipation of Revenue**

Outstanding January 1, 1939 .....	\$275,000.00	
Notes Issued in 1939 .....	475,000.00	
	<hr/>	
		\$750,000.00

Notes Paid in 1939 .....	\$475,000.00	
Outstanding December 31, 1939 .....	275,000.00	
		<hr/>
		\$750,000.00

### Special Loans

Outstanding January 1, 1939 .....	\$ 83,921.82	
Notes Issued in 1939: Temporary Note for Light Department Building Loan .....	36,000.00	
Tax Title Loan .....	8,383.63	
		<hr/>
		\$128,305.45
Notes Paid or Renewed in 1939 Highway Con- struction Loan .....	\$ 29,000.00	
Storm Damage Loans .....	38,000.00	
Light Department Bldg Loan .	36,000.00	
Tax Title Loan .....	24,995.03	127,995.03
		<hr/>
Outstanding December 31, 1939—Tax Title Loan	\$ 310.42	
		<hr/>
		\$128,305.45

### Funded Debt

Outstanding January 1, 1939 .....	\$456,100.00	
Notes Issued in 1939 .....	130,000.00	
		<hr/>
		\$586,100.00
Bonds and Notes Paid in 1939 .....	67,100.00	
Outstanding December 31, 1939 .....	519,000.00	
		<hr/>
		\$586,100.00

A more detailed statement of receipts and disbursements and a statement of the Trust Funds are presented in the report of the Town Accountant.

PRESTON F. NICHOLS,  
Treasurer.





ANNUAL REPORT

OF THE

TOWN ACCOUNTANT

RECEIPTS AND EXPENDITURES

For the Year ended December 31, 1939

## RECEIPTS 1939

### TAXES

Current Year:	
Property .....	\$402,519.29
Poll .....	5,391.00
Previous Years:	
Property .....	146,698.63
Poll .....	1,085.00
Tax Title Redemption .....	8,178.15
	<hr/>
	\$563,872.07
From the State:	
Income Tax .....	\$ 42,405.20
Corporation Tax .....	10,339.14
Veterans' Exemption .....	318.56
	<hr/>
	\$ 53,062.90

### LICENSES AND PERMITS:

#### Board of Selectmen:

Bowling and Pool .....	\$ 25.00
Theatre .....	57.00
Inn Holder .....	1.00
Auctioneer .....	15.00
Common Victualer .....	21.00
Revolver .....	39.50
Second Hand Auto Dealer .....	70.00
Lord's Day .....	136.00
Peddler .....	18.00
Taxi .....	11.00
Truck .....	9.00
Junk .....	20.00
Advertising Hearings .....	9.00
	<hr/>
	\$ 431.50

#### Board of Health:

Frozen Dessert .....	\$ 10.00
Physiotherapist .....	1.00
Masseuse .....	2.00
Undertaker .....	4.00
Pasteurization .....	20.00
Anti-Freeze .....	3.00
	<hr/>
	\$ 40.00

### FINES AND FORFEITS:

Court Fines .....	\$ 25.00
	<hr/>
	\$ 25.00

# GRANTS AND GIFTS:

## From the State:

Aid to Industrial Schools .....	\$	494.97	
Highways, Chapter 90:			
Lowell Street .....		3,215.67	
Woburn Street .....		1,487.00	
Various Roads .....		1,304.78	
Chap. 232, Acts. 1939 .....		24,911.87	
Public Health Dept. ....		1,045.71	
		<hr/>	\$ 32,460.00

## From the County:

Highways, Chapter 90:			
Lowell Street .....	\$	1,428.40	
Woburn Street .....		743.50	
Various Roads .....		2,018.21	
Dog License Fees .....		1,406.06	
Dog Vaccine .....		3.50	
U. S. Treas. Elem. Sch. ....		39,171.60	
Comm. of Mass. T. T. Loan Refund .....		167.06	
		<hr/>	\$ 44,938.33

# ALL OTHER GENERAL REVENUE:

Tailings Account .....		30.31	
		<hr/>	\$ 30.31

# SPECIAL ASSESSMENTS:

Moth and Tree Work .....	\$	594.25	
Sewer Betterment .....		413.77	
Sidewalk and Curbing Betterment .....		1,441.19	
Highway Betterment .....		1,633.58	
		<hr/>	\$ 4,082.79

# PRIVILEGES:

Motor Vehicle Excise Tax .....	\$	23,171.02	
Peddler's License from State .....		48.00	
		<hr/>	\$ 23,219.02

# DEPARTMENTAL RECEIPTS:

## General Government:

Collector's Costs and Charges .....	\$	1,004.52	
Certificates, etc. ....		50.00	
Board of Appeal .....		15.00	
		<hr/>	\$ 1,069.52

Inspection:		
Sealer of Weights and Measures Fees .	\$ 64.30	
Inspector of Food and Milk Fees .....	32.50	
Inspector of Building Fees .....	353.00	
	<hr/>	\$ 449.80
Forestry:		
Moth and Tree Work Bills .....	\$ 604.75	
	<hr/>	\$ 604.75
Health and Sanitation:		
Sewer Rentals .....	\$ 8,984.16	
Sewer Rentals, Costs, etc. ....	88.56	
	<hr/>	\$ 9,072.72
Charities:		
Reimbursement for General Aid:		
From Other Cities and Towns .....	\$ 2,890.31	
From the State .....	12,724.83	
Reimbursement for Aid Dep. Children:		
From the State .....	9,293.51	
Reimbursement for Old Age Assistance:		
From Other Cities and Towns .....	973.32	
From the State .....	26,308.05	
Reimbursement for State Sick, Poor .....	495.50	
Federal Grants—Reimbursement:		
Old Age Assistance, Administration ..	1,161.38	
Old Age Assistance, Aid .....	34,843.57	
Aid to Dependent Children Adm. ....	527.93	
Aid to Dependent Children Aid .....	3,654.44	
	<hr/>	\$ 92,872.84
Soldiers' Benefits:		
State Aid .....	\$ 520.00	
Military Aid .....	372.50	
	<hr/>	\$ 892.50
Schools:		
Tuition Town North Reading .....	11,630.50	
Tuition Estate Wards .....	1,323.95	
Tuition City Wards .....	478.30	
School Cafeterias .....	12,097.60	
Miscellaneous .....	191.26	
	<hr/>	\$ 25,721.61
Library:		
Fines, etc. ....	\$ 499.31	
	<hr/>	\$ 499.31

Unclassified:

Town from Municipal Light Dept. ....	\$ 24,000.00	
Road Machinery Account .....	3,094.43	
Sundry Bills Rec. ....	154.75	
Allowance W. P. A. ....	50.10	
Allowance Police Department .....	66.88	
Allowance Treasurer .....	60.00	
Allowance Cemetery .....	12.50	
Sale Property Taken for Taxes .....	882.00	
Fire Losses Settlement .....	455.78	
Allowance Assessors .....	27.50	
Sale Material .....	16.75	
Damage Settlements .....	77.00	
Insurance Account Transfers .....	3,631.64	
Reimbursement—Light Department ...	147.93	
Rent Property .....	7.50	
	<hr/>	\$ 32,684.76

PUBLIC SERVICE ENTERPRISES:

Municipal Light Department:

Sale Light and Power, etc. ....	\$384,487.93
Miscellaneous Receipts .....	1,028.66

Water Department:

Sale Water, etc. ....	55,727.64
Water Liens .....	800.24
Water Liens Costs .....	34.00

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\$ 442,078.47

CEMETERIES:

Sale Lots and Graves .....	\$ 335.00
Interest .....	1.60
Care Lots and Graves .....	2,710.00
Rent of House .....	140.00
From Soldiers' Graves Accounts .....	60.50

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\$ 3,247.10

INTEREST:

On Deferred Taxes .....	\$ 6,171.97
On Deferred Betterment Assessments ....	775.85
On Sewer Rentals .....	85.80
On Motor Vehicle Excise .....	159.25
On Tax Title Redemptions .....	1,053.24
Premium and Accrued Interest .....	1,185.45

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\$ 9,431.56

## MUNICIPAL INDEBTEDNESS:

Tax Title Loan Renewal .....	\$ 8,383.63	
Anticipation on Serial Loans .....	36,000.00	
Storm Emergency .....	13,000.00	
Municipal Light Storm Emergency .....	25,000.00	
Anticipation of Revenue .....	475,000.00	
Municipal Relief Loans .....	32,000.00	
Drainage Loan .....	9,000.00	
Municipal Light Department Building Loan	36,000.00	
Underground Construction Loan .....	15,000.00	
	<hr/>	\$649,383.63

## AGENCY TRUST AND INVESTMENT:

### Guarantee Deposits:

Sewer House Connections .....	\$ 603.38	
Sidewalk and Curbing .....	88.35	
Cemetery Lots Repairs .....	135.00	
	<hr/>	\$ 826.73

### Hospital Fund:

Income .....	\$ 2,112.50	
For Transfer .....	5,000.00	
	<hr/>	\$ 7,112.50

### Cemetery Bequest Fund:

Bequests .....	\$ 1,965.00	
Income .....	750.00	
For Transfer .....	2,006.73	
	<hr/>	\$ 4,721.73

### R. H. S. Scholarship Fund:

Income .....	\$ 142.50	
For Transfer .....	110.00	
	<hr/>	\$ 252.50

### Special Funds:

Dog License Fees from Town Clerk ..	\$ 1,662.20	
Baseball Fund .....	15.30	
Morrison Fund .....	45.00	
	<hr/>	\$ 1,722.50



## REFUNDS:

Insurance Account .....	\$ 445.22	
W. P. A. Gas Tax .....	76.26	
Interest .....	2.00	
General Aid Account .....	296.15	
Old Age Assistance Account .....	193.84	
Soldiers' Relief .....	13.00	
School Department General Maintenance ..	9.00	
School Tuition .....	4.00	
Municipal Light Department .....	70.00	
Land Court .....	133.75	
Park Department .....	4.73	
Water Department .....	1.98	
Revenue Account General Aid .....	656.40	
Highway Department Gas Tax .....	215.94	
Revenue Account Highway Department ...	69.78	
		\$ 2,192.05
Total Receipts .....		\$2,006,998.50
Cash Balance Jan. 1, 1939 .....		346,616.90
		<hr/>
		\$2,353,615.40

## RECAPITULATION OF RECEIPTS

### General Revenue:

Taxes, Town .....	\$563,872.07	
Taxes, State .....	53,062.90	
Licenses, Permits, Fines .....	995.81	
Grants and Gifts .....	38,226.73	
All Other .....	1,597.63	
Special Assessments .....	14,594.50	
Motor Vehicle Excise Taxes .....	23,171.02	
Departmental Accounts Rec. ....	82,546.73	
Federal Grants .....	79,358.92	
Public Service Enterprises:		
Municipal Light Department .....	385,516.59	
Municipal Water Department .....	55,727.64	
Premium and Interest .....	9,431.56	
Municipal Indebtedness .....	649,383.63	
Agency Trust and Investment .....	14,635.96	
Municipal Light Department to Treasurer ....	24,000.00	
Refunds and Transfers .....	10,876.81	
		<hr/>
		\$2,006,998.50

# APPROPRIATIONS and EXPENDITURES—1939

	Balance from 1938	Appropriated 1939	Other Credits	Total	Expended	Transfers	Bal. Dec. 31
General Government:							
Selectmen's Expenses		\$ 600.00		\$ 600.00	\$ 443.81	\$	156.19
Selectmen's Clerical		1,310.00		1,310.00	1,310.00		
Town Accountant's Salary		2,000.00		2,000.00	2,000.00		
Treasurer's Salary		1,200.00		1,200.00	1,200.00		
Treasurer's Expenses		700.00		700.00	699.69		.31
Treasurer's Clerical		350.00		350.00	350.00		
Collector's Salary		2,300.00		2,300.00	2,300.00		
Collector's Expenses		1,050.00		1,050.00	1,037.44		12.56
Collector's Clerical		650.00	50.00R	700.00	700.00		
Assessors' Salaries		1,800.00		1,800.00	1,800.00		
Assessors' Expenses		1,300.00		1,300.00	1,238.84		61.16
Assessors' Clerical		2,444.00		2,444.00	2,444.00		
Block System Survey		250.00		250.00	250.00		
Town Counsel's Salary		1,000.00		1,000.00	1,000.00		
Town Counsel's Expenses		400.00	140.00R	540.00	521.41		18.59
Town Clerk's Salary		350.00		350.00	350.00		
Town Clerk's Expenses		600.00		600.00	554.59		45.41
Registrars' Salaries		315.00		315.00	315.00		
Registrars' Expenses, Special		1,404.00		1,404.00	1,402.88		1.12
Election & Registration Expense		750.00	325.00R	1,075.00	1,057.75		17.25
Planning Board Expense		850.00	125.00R	975.00	975.00		
Miscellaneous Expense		3,500.00		3,500.00	3,488.14		11.86
Municipal Building Maintenance		2,300.00		2,300.00	2,112.29		187.71
	\$	27,423.00	\$ 640.00	\$ 28,063.00	\$ 27,550.84	\$	512.16

### Protection of Persons and Property:

Police Dept. Salaries .....	\$ 36,200.00		\$ 36,200.00	\$ 36,138.19	\$ 61.81
Police Dept. Maintenance .....	4,300.00	16.88B	4,316.88	4,253.68	63.20
Police Station Maintenance .....	1,400.00		1,400.00	1,339.45	60.55
Fire Dept. Salaries .....	19,857.76		19,857.76	19,857.76	
Fire Dept. Call Men .....	3,546.00		3,546.00	3,546.00	
O. O. Orday Pension .....	1,300.00		1,300.00	1,300.00	
Fire Dept. Maintenance .....	3,740.00	225.00R	3,965.00	3,963.49	1.51
Fire Stations Maintenance .....	1,260.00		1,260.00	1,258.68	1.32
Fire Alarm Maintenance .....	1,625.00	400.00R	2,025.00	2,022.96	2.04
Fire Alarm Boxes .....	400.00		400.00	398.79	1.21
Fire Alarm Extension .....	1,000.00		1,000.00	999.28	.72
Hydrant Rentals .....	5,600.00		5,600.00	5,600.00	
Moth Dept. ....	5,400.00		5,400.00	5,340.65	59.35
Tree Warden Maintenance .....	3,400.00		3,400.00	3,381.54	18.46
Inspector of Buildings Salary ....	500.00		500.00	500.00	
Inspector of Wires Salary .....	200.00		200.00	200.00	
Sealer of Wts. & Meas. Salary .....	500.00		500.00	500.00	
Sealer of Wts. & Meas. Expenses ..	250.00		250.00	179.02	70.98
Game Warden Salary .....	100.00		100.00	100.00	
Dog Officer Salary .....	300.00		300.00	300.00	
	<hr/>		<hr/>	<hr/>	
	\$ 90,878.76	\$ 641.88	\$ 91,524.64	\$ 91,179.49	\$ 341.15

### Health and Sanitation:

Board of Health Salaries .....	\$ 300.00		\$ 300.00	\$ 300.00	
Board of Health Expenses .....	225.00		225.00	215.33	9.67
Inspector of Plumbing Salary .....	565.25		565.25	565.25	
Inspector of Animals Salary .....	200.00		200.00	200.00	
Inspector of Milk and Food Salary	200.00		200.00	200.00	

	Balance Appropriated from 1938	1939	Other Credits	Total	Expended	Transfers	Bal. Dec. 31
<b>Health and Sanitations, continued</b>							
Care of Contagious Diseases .....		6,500.00		6,500.00	3,687.25		2,812.75
Garbage Collection .....		2,500.00		2,500.00	2,500.00		
Dental Clinic .....		650.00		650.00	650.00		
Child Welfare Art. 33 .....		400.00		400.00	400.00		
		<u>\$ 11,540.25</u>		<u>\$ 11,540.25</u>	<u>\$ 8,717.83</u>		<u>\$ 2,822.42</u>
<b>Charities and Aid</b>							
General Aid Administrative .....		\$ 5,000.00	\$ 150.00T	\$ 5,150.00	\$ 5,124.46		\$ 25.54
General Aid .....	\$ 609.06	42,000.00	12,621.15*	55,230.21	51,958.35		3,271.86
Aid to Depend. Child'n. Adm., Town		840.00		840.00	359.83	\$ 400.00	80.17
Aid to Depend. Child'n. Aid—Town							
Appropriation .....		21,000.00		21,000.00	17,699.18	2,500.00	800.82
Old Age Assist. Adm., Town .....		2,500.00		2,500.00	2,235.18	150.00	114.82
Old Age Assist. Aid—Town .....	33.50	45,500.00	1,268.84\$	46,802.34	44,872.35		1,929.99
Aid to Depend. Child'n., Adm. Fed.							
Grant .....			527.93F	527.93	527.93		
Aid to Depend. Child'n., Aid Fed.							
Grant .....			3,654.44F	3,654.44	3,343.68		310.76
Old Age Assist. Adm. Fed. Gr. ....			1,161.38F	1,161.38	1,161.38		
Old Age Assist. Aid Fed. Gr. ....			34,843.57F	34,843.57	34,843.57		
	\$ 642.56	\$116,840.00	\$ 54,227.31	<u>\$171,709.87</u>	<u>\$102,125.91</u>	<u>\$ 3,050.00</u>	<u>\$ 6,533.96</u>

\* \$221.15 Refunds, \$4,900.00 from Other Accounts, \$7,500.00 From Loan  
 \$ \$268.84 Refunds 500.00 from Reserve Fund 500.00 From Loan

### Soldiers' Benefits:

State Aid .....	\$ 800.00		\$ 800.00	\$ 450.00	\$ 350.00
Military Aid .....	900.00	\$ 100.00R	1,000.00	885.00	115.00
Soldiers' Relief .....	\$ 742.33	13,00B	14,255.33	12,155.37	2,099.96
	<u>\$ 742.33</u>		<u>\$ 16,055.33</u>	<u>\$ 13,490.37</u>	<u>\$ 2,564.96</u>
Municipal Advertising .....	\$ 48.53		48.53		48.53
W. P. A. Materials .....	20,288.82	24,000.00L, 79.31B	44,368.13	\$ 41,898.25	2,469.88
Street Lighting .....	\$ 14,000.00		14,000.00	14,000.00	

### Education:

School Dept. General Salaries ....	\$191,479.00		191,479.00	188,589.64	889.36
School Dept. General Maintenance .....	44,393.00	2,000.00T	46,393.00	46,386.83	6.17
School Industrial Tuition .....	1,350.00	4.00B	1,354.00	912.07	441.93
School Cafeterias .....	12,000.00		12,000.00	11,832.67	167.33
Elementary School Building .....	\$132,831.95	39,171.60F	172,003.55	162,780.85	9,222.70
	<u>\$132,831.95</u>		<u>\$423,229.55</u>	<u>\$410,502.06</u>	<u>\$ 2,000.00</u>
Public Library Salaries .....	\$ 5,550.00		\$ 5,570.00	\$ 5,414.90	135.10
Public Library Maintenance .....	3,375.00		3,375.00	3,371.64	3.36
	<u>\$ 8,925.00</u>		<u>\$ 8,925.00</u>	<u>\$ 8,786.54</u>	<u>\$ 138.46</u>

### Cemeteries:

Laurel Hill Cemetery .....	\$ 8,000.00	\$ 3,167.23T	\$ 11,167.23	\$ 11,164.22	3.01
Forest Glen Cemetery .....	1,000.00		1,000.00	999.20	.80
	<u>\$ 9,000.00</u>	<u>\$ 3,167.23</u>	<u>\$ 12,167.23</u>	<u>\$ 12,163.42</u>	<u>\$ 3.81</u>

	Balance Appropriated from 1938	Other Credits	Total	Expended	Transfers	Bal. Dec. 31
Memorial Day Observance .....	\$ 600.00		600.00	597.10		2.90
Int, not incl. Water, Light Sewer	6,093.50 \$	2.00B	\$ 6,095.50	\$ 4,728.41		\$ 1,367.09
Mat. Debt. not incl. Water, Light	40,600.00		40,600.00	40,600.00		
	\$ 46,693.50	\$ 2.00	\$ 46,695.50	\$ 45,328.41		\$ 1,367.09
<b>Public Works:</b>						
Administrative Expense .....	\$ 6,335.00	\$ 22.50B	\$ 6,357.50	\$ 6,342.55		\$ 14.95
Highway Department .....	32,836.27	14,333.67*	47,169.94	46,128.68	1,000.00	41.26
Snow and Ice Removal .....	11,000.00		11,000.00	11,434.43		Dr. 434.43
Sidewalk Construction .....	7,000.00		7,000.00	7,000.00		.04
Drainage Construction Art. 21 ....	6,500.00		6,500.00	6,499.96		
Maintenance Storm Drains .....	2,000.00		2,000.00	2,000.00		
Maintenance Town Dump, Art. 22	1,200.00		1,200.00	1,197.57		2.43
Lowell St. Const. Chap. 90 Art. 24	\$ 7,850.20		12,350.20	7,780.63	4,500.00	69.57
Park Dept. ....	4,500.00	174.73§	4,674.73	4,669.17		5.56
Sewer Dept. Maint. ....	11,475.00		11,475.00	11,459.78		15.22
Sewer Dept. House Connections ..	1,200.00	514.00R	1,714.00	1,678.04		35.96
Water Dept. ....	53,000.00	23.67B	53,027.81	48,426.86	4,022.91	578.04
Drinking Fountains .....	100.00		100.00	100.00		
Special Accounts for Labor .....	13,000.00		13,000.00	11,000.00	2,000.00	
Charles St. Const. Chap. 90, Art. 23	4,500.00		4,500.00		4,500.00	
Road Resurfacing, Wash. St., Art. 25	1,500.00		1,500.00	1,491.94		8.06
New Equipment Art. 20 .....	8,000.00		8,000.00	7,929.28		70.72
Belmont St. Extension Art. 28 .....	896.00		896.00	896.00		
Overdraft Snow Ice Acct., Art 11	844.10		844.10		844.10	
Prospect St. Extension Art. 27 ....	480.00		480.00	480.00		



# Public Works, continued

Land Birch Meadow Playground Art. 29 .....	1.00	1.00				1.00
Drainage Investigation — Special Meeting Art. 2 .....	2,500.00		84.77T		1,000.00	439.97
Woburn St. Const., Chap. 90 .....	1,276.47				1,060.03	127.15
Granger Ave. Layout & Const. ...	787.75				787.75	
Waverley Road .....	381.00				371.93	9.07
Highway Maintenance Chap. 90:—					3,000.00	
W. P. A. Filtration Plant .....	\$ 823.21		3,000.00T			823.21
Storm Emergency .....	102.06				51.48	50.58
Road Machinery Account .....	3,317.15		3,094.43T		84.77	6,242.04
Highway Fund, Chap. 500 .....	12,288.73				12,288.73	
Special Drainage Account .....			10,000.00‡		10,000.00	

\* \$12,288.73 from State, \$1,829.00 from Reserve Fund, \$473 Refunds.

§ \$170.00 from Reserve Fund, \$473 Refunds.

‡ \$1,000.00 from Special Dr. Account, \$9,000.00 from Loan.

Insurance .....	\$ 11,979.08	\$ 3,841.77T	\$ 15,820.85	\$ 15,580.47	\$ 55.74	\$ 184.64
Reserve Fund Art. 7 .....	5,000.00		5,000.00		4,628.00	372.00
Land Court, Exp. Art. 6 .....	500.00	86.25B	586.25	351.23		235.02
Unpaid Bills Art. 8 .....	1,900.00		1,900.00	1,827.15		72.85
Care Soldiers' Graves Art. 9 .....	600.00		600.00	600.00		
Town Forest Art. 32 .....	300.00		300.00	300.00		
Rent Legion Quarters Art. 34 .....	1,500.00		1,500.00	1,500.00		
War Memorial Dedication Art. 35	200.00	439.57*	639.57	580.87		58.70
	\$ 21,979.08	\$ 4,367.59	\$ 26,346.67	\$ 20,739.72	\$ 4,683.74	\$ 923.21

\*\$250.00 from Reserve Fund, \$189.57 from War Mem. Fund.

	Balance	Appropriated	Other	Total	Expended	Transfers	Bal.
	from 1938	1939	Credits				Dec. 31
Tailings Account .....					\$ 3,015.10		
Tax Refunds, 1937 .....					203.75		
Tax Refunds, 1938 .....					704.46		
Tax Refunds, 1939 .....					1,613.57		
Motor Vehicle Excise Refunds, 1938					19.93		
Motor Vehicle Excise Refunds, 1939					755.74		
Sewer Rentals .....					6.90		
Highway Assessments, 1938 .....					14.22		
Highway Assessments, Interest 1938					5.69		
Tax Titles .....					56.65		
Water Dept. Accts. Rec. ....					95.16		
Tax Title Loan .....					16,611.40		
Estimated Receipts .....					10.52		
					<u>\$ 23,113.09</u>		

#### Trust Funds:

Hospital Fund Transfer Acct.	\$ 2,616.12	{ \$ 5,000.00 TR } { - 2,112.50 I } { 2,715.00	\$ 9,728.62	\$ 8,019.31	\$ 1,709.31
Cemetery Bequest Fund Trans. Acct.			2,715.00	2,715.00	
R. H. S. Scholarship Fund Transfer Acct. ....			252.50	252.50	
Premium and Interest Account ....	321.95		1,333.38	1,655.33	544.36
Public Welfare Special .....	29.01		29.01	29.01	
Base Ball Fund .....	45.20		60.50	60.50	60.50
Morrison Fund .....	36.59		81.59	80.08	1.51
War Memorial Fund .....	5,189.57		5,189.57	5,000.00	189.57

# **Trust Funds, continued**

Sewer House Com. Account .....	603.38	603.38	94.50	471.38	37.50
Cemetery Work Com. Account ...	135.00	135.00	3.75	131.25	
Fire Loss Special .....	455.78	455.78	8.50	25.28	422.00
Dog License Fees to Town Clerk .	23.40	1,656.80	1,680.20		
Sidewalk and Curbing Acct. ....		27.79	27.79		

\$ 8,261.84	\$ 14,352.43	\$ 22,614.27	\$ 18,254.35	\$ 1,584.74	\$ 2,775.18

# **State and County Taxes:**

Middlesex Co. Hosp. Acts, 1932 ..	\$ 7,817.42	\$ 7,817.42			
County Tax .....	(Dr. 36.39)	21,953.36	21,916.97		
Metropolitan Sewer Asst. ....	513.18	11,955.19	10,520.08	513.18	1,435.11
State Tax .....	(Dr. 22950.00)	68,850.00	45,900.00		
State Parks and Reservations .....	(Dr. 44.77)	786.75	605.35		76.63
Hospital Care Veterans			20.00		DR 20.00

Dr. \$22,517.98	\$111,362.72	\$ 88,844.74	\$ 86,839.82	\$ 513.18	\$ 1,491.74
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Municipal Light Dept. ....	\$ 5,018.28	\$386,379.13	\$377,918.23	\$ 5,000.00	\$ 8,479.18
Municipal Light Dept. Building ...		5,000.00	40,945.91		54.09
Municipal Light Dept. Underground			15,000.00		

\$ 5,018.28	\$ 51,000.00	\$447,397.41	\$433,864.14	\$ 5,000.00	\$ 8,533.27
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	Balance from 1938	Notes & Bonds Issued	Other Credits	Total	Expended	Transfers	Bal. Dec. 31
<b>Municipal Loans*</b>							
Anticipation of Revenue .....	\$275,000.00	\$475,000.00		\$750,000.00	\$475,000.00		\$275,000.00
Anticipation of Reimbursement ....	29,000.00			29,000.00	29,000.00		
Mun. Lt. Dept. Storm Emergency	25,000.00	25,000.00		50,000.00	25,000.00		25,000.00
Storm Emergency Loan .....	13,000.00	13,000.00		26,000.00	13,000.00		13,000.00
Anticipation Serial Loan .....	36,000.00			36,000.00	36,000.00		
Tax Title Loan Special .....	8,383.63			8,383.63	8,383.63		
	<u>\$386,383.63</u>	<u>\$513,000.00</u>		<u>899,383.63</u>	<u>\$586,383.63</u>		<u>\$313,000.00</u>

\*Additional to Maturing Debt previously reported. TOTAL PAYMENTS 1939—\$2,198,639.91

B. Refunds  
F. Federal Grants  
L. Loan  
R. Reserve Fund  
S. From the State  
T. Transfers

## RECAPITULATION OF PAYMENTS

Departmental Expenditures .....	\$751,750.51	
Public Service Enterprises:		
Municipal Light Department .....	377,918.23	
Water Department .....	48,426.86	
Municipal Light Department Office Bldg. ..	40,945.91	
Underground Extension .....	15,000.00	
W. P. A. ....	41,898.25	
Other Loans .....	46,383.63	
Elementary School Building .....	162,780.85	
Interest, not inc. Water, Light and Sewer .....	4,728.41	
Funded Debt, not inc. Water, Light and Sewer .	57,211.40	
Temporary Loans .....	540,000.00	
Agency, Trust and Investment .....	18,254.35	
State and County Taxes .....	86,839.82	
Refunds .....	3,486.59	
Unclassified .....	3,015.10	
	<hr/>	\$2,198,639.91

## TREASURERS' CASH

Cash on hand Jan. 1, 1939 .....	\$ 346,616.90	
Receipts 1939 .....	2,006,998.50	
Total .....	<hr/> \$2,353,615.40	
Payments 1939 .....	2,198,639.91	
	<hr/>	
Cash on Hand Dec. 31, 1939 .....		\$154,975.49
Cash on hand in offices Dec. 31, 1939 .....		440.00

# ACCOUNTING TAXES AND ASSESSMENTS

	Bal. Jan.	Committ- ed 1939	Refunds	Collected	Abate- ments	To Tax Titles	Appor'n.	Bal. Dec. 31
Taxes, Poll, Personal, R. E. 1939 ...		\$582,792.13	\$ 1,613.57	\$407,910.29	\$ 5,174.07	\$ 3,682.20		\$167,629.14
Prior Years .....	\$199,741.99	2.00	908.21	147,783.63	2,446.06	8,062.47		42,360.04
Motor Vehicle Excise 1939 .....		23,043.62	755.74	21,652.92	1,511.29			635.15
Prior Years .....	3,887.15	6.00	19.93	1,518.10	1,274.85			1,120.13
Moth and Tree Work 1939 .....		576.75		393.75		1.00		182.00
Prior Years .....	264.00			200.50		4.50		59.00
Sewer Assts. Unapportioned ....	473.89	91.42					473.89	91.42
Sewer Assts. & Interest 1939 ....		437.40						155.83
Prior Years .....	203.58			281.57		5.49		8.68
Sewer Rentals .....	1,652.38	8,662.44	6.90	8,984.16		90.35		1,247.21
Sidewalk & Curbing Asst. Unapp.	1,845.39	2,307.85		619.72			1,654.14	1,879.38
Sidewalk & Curbing Asst. Int. 1939		1,124.89		740.54				384.35
Prior Years .....	333.75			252.45				81.30
Highway Asst. Unapportioned ....	2,367.13	3,522.91	.86	85.71			2,282.28	3,522.91
Highway Asst. & Int. 1939 .....		2,336.84		1,109.80		65.03		1,162.01
Prior Years .....	1,035.41		19.91	718.40		81.87		255.05
Water Liens Rec. ....	749.38	731.84		408.17			847.75	225.30
Water Liens added to taxes 1939		847.75		146.16		56.26		645.33
Prior Years .....	284.82			237.33		14.18		33.31

## ACCOUNTING DEFERRED PAYMENTS

	Balance Jan. 1, 1939	Committed	Collected	Transfer to Taxes '39	Balance Dec. 31, '39
Sewer Assessments .....	\$ 1,004.17	\$ 473.89	\$ 34.72	\$ 348.59	\$ 1,094.35
Sidewalk Assessments .....	2,498.07	1,654.14	16.42	900.58	3,235.21
Highway Assessments .....	8,647.65	2,282.28	210.45	1,724.37	8,995.11



### General Government:

Selectmen's Expenses, Appropriation .....		\$ 600.00
Telephone .....	\$ 109.20	
Printing and Stationery .....	186.35	
Postage and Box Rent .....	42.24	
Towel Supply .....	15.60	
Selectmen's Association .....	18.00	
Medical Fees .....	31.25	
Advertising Hearings .....	7.25	
All other .....	33.92	
	<hr/>	
Total Payments .....	\$ 443.81	
Balance to Revenue .....	156.19	
	<hr/>	
Selectmen's Clerical, Appropriation .....		\$ 1,310.00
Salary Clerk .....	\$ 1,310.00	
Town Accountant's Salary, Appro. ....		\$ 2,000.00
Salary Town Accountant .....	\$ 2,000.00	
Treasurer's Salary, Appropriation .....		\$ 1,200.00
Salary Treasurer .....	\$ 1,200.00	
Treasurer's Expenses, Appropriation .....		\$ 700.00
Telephone .....	61.47	
Postage .....	283.80	
Office Equipment and Supplies .....	290.92	
Certification of Notes .....	44.00	
All other .....	19.50	
	<hr/>	
Total Payments .....	\$ 699.69	
Balance to Revenue .....	.31	
	<hr/>	
Treasurer's Clerical Appropriation .....		\$ 350.00
Clerk Hire .....	\$ 350.00	
Collector's Salary, Appropriation .....		\$ 2,300.00
Salary Collector .....	2,300.00	
Collector's Expenses, Appropriation .....		\$ 1,050.00
Telephone .....	\$ 58.85	
Stationery and Printing .....	230.04	
Books .....	135.00	
Postage .....	283.22	
Towel Supply .....	8.40	
Office Equipment and Supplies .....	227.38	
Bond, Deputy Collector .....	20.00	
Registration of Deeds .....	53.70	

All other .....	20.85	
Total Payments .....	\$ 1,037.44	
Balance to Revenue .....	12.56	
Collector's Clerical, Appropriation .....		\$ 650.00
Transfer from Reserve Fund .....		\$ 50.00
		<hr/>
		\$ 700.00
Clerk Hire .....	\$ 700.00	
Board of Assessor's Salaries, Appropriation....		\$ 1,800.00
Salaries Assessors .....	\$ 1,800.00	
Board of Assessor's Expenses, Appropriation..		\$ 1,300.00
Assistant Assessors .....	\$ 250.50	
Telephone .....	57.58	
Stationery and Printing .....	236.77	
Postage .....	53.00	
Towel Supply .....	8.40	
Office Equipment and Supplies .....	385.44	
Auto Hire and Transportation .....	134.78	
Registry of Deeds Expenses .....	51.04	
Board of Tax Appeals .....	55.00	
All other .....	6.33	
Total Payments .....	\$ 1,238.84	
Balance to Reveune .....	61.16	
		<hr/>
Board of Assessor's Clerical, Appropriation ....		\$ 2,444.00
Salaries, Clerks .....	\$ 2,444.00	
Block System Survey, Appropriation .....		\$ 250.00
Services Surveying, etc. ....	250.00	
Town Counsel's Salary, Appropriation .....		\$ 1,000.00 <sup>*</sup>
Salary, Counsel .....	1,000.00	
Town Counsel's Expenses, Appropriation .....		\$ 400.00
Transfer from Reserve Fund.....		140.00
		<hr/>
		\$ 540.00
Services, Stenographer .....	\$ 341.15	
Telephone .....	78.04	
Court Costs .....	3.55	
Stationery and Supplies .....	45.75	
Postage .....	27.32	
Medical Services .....	15.00	

All other .....	10.00		
Total Payments .....	\$ 521.41		
Balance to Revenue .....	18.59		
Town Clerk's Salary, Appropriation .....		\$ 350.00	
Salary, Town Clerk .....	350.00		
Town Clerk's Expenses, Appropriation .....		\$ 600.00	
Vital Statistics .....	\$ 76.00		
Recording Births, Marriages and Deaths..	273.00		
Stationery and Printing .....	97.21		
Copying .....	92.63		
Administering Oath .....	15.75		
Total Payments .....	\$ 554.59		
Balance to Revenue .....	45.41		
Board of Registrar's Salaries, Appropriation..		\$ 315.00	
Salaries, Registrars .....	\$ 225.00		
Salary, Clerk .....	90.00		
Total Payments .....	\$ 315.00		
Board of Registrar's Expenses, Appropriation..		\$ 1,154.00	
Transfer from Reserve Fund .....		250.00	
		\$ 1,404.00	
Clerical .....	\$ 1,034.00		
Printing and Supplies .....	140.68		
Planographing Street List .....	228.20		
Total Payments .....	\$ 1,402.88		
Balance to Revenue .....	1.12		
Election and Registrations, Appropriation .....		\$ 750.00	
Transfer from Reserve Fund .....		325.00	
		\$ 1,075.00	
Election Officers .....	\$ 404.55		
Publishing Warrants and Printing.....	208.25		
Rent of Hall .....	180.00		
Installing Booths and Equipment .....	65.85		
Printing Check Lists .....	199.10		
Total Payments .....	\$ 1,057.75		
Balance to Revenue .....	17.25		

Planning Board Expenses, Appropriation .....		\$	850.00
Transfer from Reserve Fund .....			125.00
			<hr/>
		\$	975.00
Clerical Services .....	\$	75.00	
Stationery and Printing .....		139.50	
Maps and Blue Prints .....		45.00	
Survey Work .....		134.20	
Federal Planning Board .....		30.00	
Consultant's Services .....		425.00	
Postage .....		1.30	
Traffic Survey .....		125.00	
		<hr/>	
Total Payments .....	\$	975.00	
Miscellaneous Expenses, Appropriation .....		\$	3,500.00
Clerical Services .....	\$	1,122.03	
Printing Town Report .....		1,339.20	
Other Printing and Stationery .....		194.12	
Care and Lighting Old South Clock .....		167.51	
Finance Committee Expenses .....		152.25	
Board of Appeal Expenses .....		61.60	
Inspector of Wires Expenses .....		191.70	
Damage Claim Settlements .....		195.00	
Office Supplies .....		12.60	
Inspector of Building .....		12.00	
Flag .....		23.60	
All other .....		16.53	
		<hr/>	
Total Payments .....	\$	3,488.14	
Balance to Revenue .....		11.86	
		<hr/>	
Municipal Building Expenses, Appropriation ...		\$	2,300.00
Janitor's Services .....	\$	1,040.00	
Janitor's Supplies .....		141.57	
Fuel .....		321.98	
Lighting .....		308.31	
Water and Sewer .....		29.68	
Ash Removal .....		3.38	
Repairs .....		151.59	
Grounds Maintenance .....		64.24	

Furniture .....	51.19
All other .....	.35

Total Payments .....	\$ 2,112.29
Balance to Revenue .....	187.71

**Protection of Persons and Property:**

Police Department Salaries, Appropriation ....		\$ 36,200.00
Salary, Chief .....	\$ 2,800.00	
Salaries, Sergeants .....	4,800.00	
Salaries, Patrolmen .....	23,559.34	
Special Officers .....	4,671.25	
Keeper of Lockup .....	100.00	
Clerk .....	207.60	

Total Payments .....	\$ 36,138.19
Balance to Revenue .....	61.81

Police Department Maintenance, Appropriation	\$ 4,300.00
Refund .....	16.88

\$ 4,316.88

Chief's Expenses .....	\$ 49.16
Telephone .....	177.95
Gasoline and Oil .....	785.92
Traffic Lights and Signs .....	763.40
Traffic Lines .....	357.69
Radio Repairs .....	193.10
Auto Repairs .....	427.92
Laundry .....	11.72
Teletype Expenses .....	539.25
Target Practice .....	50.12
Printing and Stationery .....	156.60
Coats, Caps and Boots .....	48.50
New Car .....	450.00
Station Signals .....	47.80
Signal System Repairs .....	133.46
Revolvers .....	48.00
All other .....	13.09

Total Payments .....	\$ 4,253.68
Balance to Revenue .....	63.20

Police Station Maintenance, Appropriation ....		\$ 1,400.00
Janitor's Services .....	\$ 600.00	
Janitor's Supplies .....	75.31	
Fuel .....	247.83	
Lighting and Gas .....	202.61	
Water and Sewer .....	87.17	
Furniture .....	82.50	
Repairs .....	29.81	
Laundry .....	14.22	
	<hr/>	
Total Payments .....	\$ 1,339.45	
Balance to Revenue .....	60.55	
	<hr/>	
Fire Department Salaries, Appropriation .....		\$ 19,857.76
Salary, Chief .....	\$ 2,600.00	
Salary, Deputy Chief .....	2,400.00	
Salary, Captain .....	2,300.00	
Salary, Lieutenant .....	2,200.00	
Salaries, Men .....	10,357.76	
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	\$ 19,857.76	
Fire Department Salaries, Call Men, Appro.....		\$ 3,546.00
Salaries, Captains .....	\$ 354.00	
Salaries, Men .....	3,192.00	
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Total Payments .....	\$ 3,546.00	
O. O. Ordway Pension, Appropriation .....		\$ 1,300.00
Pension Payments .....	\$ 1,300.00	
Fire Department Maintenance, Appropriation..		\$ 3,740.00
Transfer from Reserve Fund .....		225.00
		<hr/>
		\$ 3,965.00
Telephone .....	\$ 196.20	
Office Expenses .....	103.08	
Chief's Expenses .....	19.10	
Laundry .....	245.67	
Bedding .....	29.36	
Motor App. Maintenance and Repairs.....	1,023.67	
Other Equipment Repairs .....	120.99	
Gasoline and Oil .....	314.26	
New Hose .....	420.06	
New Appliances .....	598.20	
Equipment and Supplies .....	407.06	
Rubber Boots and Coats .....	129.78	



Forest Fires .....	254.35	
Deputy Warden .....	15.00	
All other .....	86.71	
Total Payments .....	\$ 3,963.49	
Balance to Revenue .....	1.51	
Fire Stations Maintenance, Appropriation.....		\$ 1,260.00
Central Station :		
Fuel .....	\$ 243.69	
Lighting .....	96.18	
Gas .....	35.51	
Water and Sewer .....	49.30	
Repairs .....	290.02	
Supplies .....	167.69	
	\$ 882.39	
Engine No. 2 House :		
Fuel .....	\$ 189.06	
Lighting .....	19.05	
Water and Sewer .....	15.00	
Repairs .....	30.71	
Supplies .....	22.47	
Steward .....	100.00	
	\$ 376.29	
Total Payments .....	\$ 1,258.68	
Balance to Revenue .....	1.32	
Fire Alarm Maintenance, Appropriation .....		\$ 1,625.00
Transfer from Reserve Fund .....		400.00
		\$ 2,025.00
Salary, Superintendent .....	\$ 240.00	
Pay Roll .....	919.20	
Light and Power .....	60.18	
Equipment and Supplies .....	709.12	
Truck Maintenance .....	82.95	
All other .....	11.51	
Total Payments .....	\$ 2,022.96	
Balance to Revenue .....	2.04	

Fire Alarm New Boxes, Appropriation .....		\$ 400.00
Total Payments .....	\$ 398.79	
Balance to Revenue .....	1.21	
<hr/>		
Fire Alarm Extension, Appropriation .....		\$ 1,000.00
Total Payments .....	\$ 999.28	
Balance to Revenue .....	.72	
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Moth Department Maintenance, Appropriation .....		\$ 5,400.00
Salary, Superintendent .....	\$ 1,800.00	
Pay Roll .....	2,108.28	
Telephone .....	42.46	
Printing and Postage .....	50.30	
Rent .....	144.00	
Auto Truck and Sprayer Expense .....	312.53	
Supplies .....	683.58	
Truck Hire .....	199.50	
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Total Payments .....	\$ 5,340.65	
Balance to Revenue .....	59.35	
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Tree Warden Maintenance, Appropriation .....		\$ 3,400.00
Salary, Tree Warden .....	\$ 400.00	
Pay Roll .....	1,615.21	
Equipment and Supplies .....	42.46	
Truck Hire .....	105.80	
Trees .....	702.50	
Loam, etc. ....	189.00	
Supplies .....	326.57	
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Total Payments .....	\$ 3,381.54	
Balance to Revenue .....	18.46	
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Hydrant Rentals, Appropriation .....		\$ 5,600.00
Water Department .....	\$ 5,600.00	
Drinking Fountains, Appropriation .....		\$ 100.00
Water Department .....	\$ 100.00	
Inspector of Buildings Salary, Appropriation...		\$ 500.00
Salary, Inspector .....	\$ 500.00	
Inspector of Wires Salary, Appropriation ....		\$ 200.00
Salary, Inspector .....	\$ 200.00	
Sealer of Weights and Measures Salary Appro.		\$ 500.00
Salary, Sealer .....	\$ 500.00	

Sealer of Weights and Measures, Exp. Appro...		\$	250.00
Transportation of Weights .....	\$	159.00	
Equipment .....		20.02	
Total Payments .....	\$	179.02	
Balance to Revenue .....		70.98	
Board of Health Salaries, Appropriation .....		\$	300.00
Salary, Secretary .....	\$	150.00	
Salaries, Other Members .....		150.00	
Total Payments .....	\$	300.00	
Board of Health Expenses, Appropriation .....		\$	225.00
Telephone .....		67.63	
Printing and Stationery .....		14.90	
Inspector Milk and Food .....		44.00	
Disposition of Animals .....		74.00	
Sewer and Cesspool .....		12.00	
All other .....		2.80	
Total Payments .....	\$	215.33	
Balance to Revenue .....		9.67	
Inspector of Plumbing Salary, Appropriation ..		\$	565.25
Salary, Inspector .....	\$	565.25	
Inspector of Milk and Food, Appropriation ....		\$	200.00
Salary, Inspector .....	\$	200.00	
Game Warden Salary .....		\$	100.00
Salary, Game Warden .....	\$	100.00	
Dog Officer's Salary, Appropriation .....		\$	300.00
Salary, Dog Officer .....	\$	300.00	
Inspector of Animals Salary, Appropriation ....		\$	200.00
Salary, Inspector .....	\$	200.00	
Care Contagious Diseases, Appropriation .....		\$	6,500.00
No. Reading State San. ....	\$	639.00	
Middlesex Cty. San. ....		1,613.00	
Mass. Memorial Hospital .....		517.00	
Medical Care .....		251.00	
Health Inspection .....		234.75	
Rabies Inoculation .....		280.00	
Supplies .....		52.99	
Cesspools .....		30.00	

Mass. General Hospital .....	42.25	
All other .....	27.26	
Total Payments .....	\$ 3,687.25	
Balance to Revenue .....	2,812.75	
Garbage Collection, Appropriation .....		\$ 2,500.00
Contract Payments .....	\$2,500.00	
Dental Clinic, Appropriation .....		\$ 650.00
Total Payments .....	\$ 650.00	
Child Welfare, Appropriation .....		\$ 400.00
Total Payments .....	\$ 400.00	
Street Lighting, Appropriation .....		\$ 14,000.00
Municipal Light Dept. ....	\$ 14,000.00	

#### GENERAL AID

Balance from 1938 .....		\$ 609.06
Appropriation .....		\$ 42,000.00
Refunds .....		221.15
Transfer from A. D. C. Account .....		2,500.00
Transfer from A. D. C. Adm. Account .....		400.00
Transfer from Special Labor Account .....		2,000.00
Appropriation, Loan .....		7,500.00
Payments:		
Cash Aid .....	\$ 8,390.46	
Payroll Labor .....	10,926.70	
Board .....	3,153.24	
Shelter .....	4,661.38	
Food .....	9,360.75	
Fuel and Light .....	1,938.55	
Medical and Hospital .....	5,239.80	
Clothing .....	645.99	
Household Necessities .....	94.93	
Massachusetts Hospital School .....	287.11	
Division of Child Guardianship .....	1,269.99	
House of the Angel Guardian .....	49.00	
Burials .....	529.21	
Paid to Other Cities and Towns .....	3,175.50	
Tewksbury State Hospital and Infirmary .....	350.85	
Unallocated Payments:		
Transportation of Recipients .....	152.05	
Truck Maintenance .....	414.44	
Gasoline and Oil .....	238.32	

Wood Yard Expense .....	190.17	
Truck Replacement .....	300.00	
Standing Wood .....	134.25	
Other .....	7.20	
Federal Surplus Commodity Distribution Center Expense:		
Assessment, Proportion Mass.		
Adm. Expense .....	215.99	
Purchase of Federal Milk.....	156.61	
Property Warehouse Rental ...	60.00	
Other .....	15.86	448.46
		<hr/>
		\$ 51,958.35
Balance to 1940 .....		3,271.86
		<hr/>
		\$ 55,230.21
		<hr/>
		\$ 55,230.21

#### General Aid Administrative

Appropriation .....		\$ 5,000.00
Transfer from O. A. A. Account .....		150.00
Payments:		
Salaries:		
Supervisory and Clerical .....	\$ 1,522.90	
Visiting and Investigation .....	1,703.75	
Wood Yard and Truck Foreman .....	1,062.10	
Visitors' Expense, Travel .....	273.53	
Welfare Board and Supervisory Expense ..	184.47	
Office Supplies and Equipment .....	169.58	
Printing and Postage .....	103.66	
Telephone .....	91.66	
Other .....	12.81	
		<hr/>
Total Payments .....	\$ 5,124.46	
Balance to Revenue .....	25.54	
		<hr/>
		\$ 5,150.00
		<hr/>
		\$ 5,150.00

#### AID TO DEPENDENT CHILDREN

Appropriation .....		\$ 21,000.00
Federal Grants .....		3,654.44
Payments:		
Regular Cash Allowances .....	\$ 19,802.18	
Special Cash Allowances:		
Medical:		
Doctors' Fees .....	\$ 368.50	
Nursing .....	23.70	

Dental .....	41.50	
Optical .....	9.00	
Hospital Charges .....	159.05	
Medicine .....	76.95	678.70
Rent .....		463.00
Fuel .....		51.66
Clothing .....		15.25
Milk .....		17.39
Other .....		14.68
<hr/>		
Total Payments .....	\$ 21,042.86	
Transfer to General Aid Account .....	2,500.00	
Balance to 1940 .....	310.76	
Balance to Revenue .....	800.82	
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	\$ 24,654.44	\$ 24,654.44

#### AID TO DEPENDENT CHILDREN ADMINISTRATIVE

Appropriation .....	\$ 840.00	
Federal Grants .....	527.93	
Payments:		
Salaries:		
Supervisory and Clerical .....	\$ 345.50	
Visiting and Investigation .....	403.75	
Visiting and Supervisory, Travel Expense ..	65.25	
Office Supplies and Equipment .....	40.64	
Printing and Postage .....	18.34	
Telephone .....	14.28	
<hr/>		
Total Payments .....	887.76	
Transfer to General Aid Account .....	400.00	
Balance to Revenue .....	80.17	
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	\$ 1,367.93	\$ 1,367.93

#### OLD AGE ASSISTANCE

Balance from 1938 .....	\$ 33.50	
Appropriation .....	45,500.00	
Transfer from Reserve Fund .....	500.00	
Appropriation, Loan .....	500.00	
Federal Grants .....	34,843.57	
Refunds .....	268.84	
Payments		
Regular Cash Assistance .....	\$ 74,724.81	



# Special Cash Allowances

## Medical:

Doctors' Fees .....	\$	860.00	
Nursing .....		554.35	
Dental .....		56.00	
Optical .....		19.50	
Hospital Charges .....		857.39	
Medicine .....		656.86	3,004.10

Fuel ..... 393.96

Clothing ..... 11.25

Rent ..... 87.00

Household Necessities ..... 12.13

## Payments on Account of Deceased Persons:

Burial Expense ..... 324.00

Doctors' Charges and Nursing. .... 81.56

Medicine ..... 53.80

Board and Care ..... 84.33

Clothing ..... 3.68

Hospital ..... 86.00

Payments to Other Cities and Towns..... 849.30

Total Payments ..... \$ 79,715.92

Balance to 1940 ..... 500.00

Balance to Revenue ..... 1,429.99

\$ 81,645.91	\$ 81,645.91
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## OLD AGE ASSISTANCE ADMINISTRATIVE

Appropriation ..... \$ 2,500.00

Federal Grants ..... 1,161.38

## Payments

Salaries, Supt., Clerical and Inv..... \$3,120.00

Office Supplies and Equipment ..... 22.30

Travel Expenses ..... 2.31

Stationery and Printing ..... 66.08

Postage ..... 48.00

Telephone ..... 76.97

Miscellaneous ..... 60.90

Total Payments ..... \$ 3,396.56

Transfer to G. A. Adm. .... 150.00

Balance to Revenue ..... 114.82

\$ 3,661.38	\$ 3,661.38
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### SOLDIERS' BENEFITS

Soldiers' Relief, Balance from 1938.....	\$ 742.33
Appropriation .....	13,500.00
Refunds .....	13.00
	<hr/>
	\$ 14,255.33

Cash .....	\$ 9,204.96
Work Payroll .....	521.00
Food .....	688.86
Fuel .....	287.64
Medical, Medicine .....	362.26
Clothing .....	72.59
Rent .....	285.00
Supplies .....	25.00
Agents' Salary, etc. ....	597.81
Visiting Nurse .....	71.25
Glasses .....	39.00

Total Payments .....	\$ 12,155.37
Balance to Revenue .....	2,099.96
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State Aid, Appropriation .....	800.00
Cash Payments .....	450.00
Balance to Revenue .....	350.00
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Military Aid, Appropriation.....	900.00
Transfer from Reserve Fund .....	100.00
	<hr/>

\$ 1,000.00

Cash Payments .....	885.00
Balance to Revenue .....	115.00
	<hr/>

\$ 1,000.00

### Works Progress Administration

Balance from 1938.....	\$ 20,288.82
Appropriation Loan Issue .....	24,000.00
Refunds Gas Tax .....	76.26
Other Refunds .....	3.05
	<hr/>

\$ 44,368.13

Administration and Engineering .....	\$ 4,404.94
Building Account .....	1,160.39
Reflooring Project .....	1,976.81
Housekeeping Aides .....	6.25

Sewer (Pearl Street) .....	4,446.31	
Gasoline Account .....	1,236.87	
Truck Account .....	1,443.35	
Recreation .....	1,644.43	
Police Records .....	236.33	
Street Survey .....	33.57	
Fire Records .....	770.00	
School Grounds (Old) .....	2,900.73	
Compensation Account .....	93.65	
Tracing B. P. W. Plans .....	152.22	
Survey of Buildings and Parks .....	98.19	
Moth Project .....	924.50	
Cemetery Records .....	36.81	
John St. Barn .....	6.67	
Vital Statistics .....	58.75	
Grove Street Wall .....	950.59	
Toy Project .....	1,130.94	
Forest Glen Cemetery .....	6,700.27	
Tree Surgery .....	274.33	
Town Forest Roadways .....	770.56	
Rip-Rapping Open Ditches .....	522.44	
Federal Surplus Commodities .....	628.74	
Blacksmith .....	163.51	
Misc. Account .....	456.16	
Union St. School .....	3.35	
Insurance Account .....	188.97	
Tool Account .....	2.75	
Shade Tree Census .....	3.00	
Washington St. Park .....	297.93	
Pearl St. School Grounds .....	8,166.87	
Storm Damage .....	16.07	
		<hr/>
Total Payments .....	\$41,898.25	
Balance to 1940 .....	2,469.88	
		\$ 44,368.13

### EDUCATION

School Department General Salaries Appro. ..		\$191,479.00
Supt., Principals, Teachers .....	\$159,986.51	
Substitutes Salaries .....	1,399.00	
Attendance Officer .....	537.50	
School Nurse .....	1,792.50	
Medical Inspection .....	1,000.00	

Janitors .....	17,588.82	
Clerical .....	6,285.31	
Total Payments .....	\$188,589.64	
Transferred to Gen'l. Maint. Acct. ....	2,000.00	
Balance to Revenue .....	889.36	
	\$191,479.00	
School Dept., General Maint. Appro. ....		\$ 44,393.00
Transferred from Salaries Account .....		2,000.00
		\$ 46,393.00
Transportation .....	\$ 7,462.71	
Tuition .....	51.71	
Textbooks .....	4,157.09	
Supplies .....	6,576.36	
General Control Expense .....	2,872.98	
Supervision Expense .....	539.05	
Principals' Office Expense .....	342.40	
Commencement .....	286.48	
Other Expenses of Instruction .....	407.89	
Compulsory Attendance .....	100.00	
Medical Service .....	31.34	
Nurse Service .....	311.63	
Fuel .....	5,992.23	
Other Expenses of Operation .....	6,291.32	
Maintenance .....	6,451.11	
Capital Outlay .....	4,509.53	
Total Payments .....	\$ 46,386.83	
Balance to Revenue .....	6.17	
	\$ 46,393.00	
Elementary School Building		
Balance from 1938 .....		\$132,831.95
P. W. A. Grants .....		39,171.60
		\$172,003.55
Payments:		
Construction Contract .....	\$152,421.04	
Architect's Fees .....	5,353.73	
Clerk of Works .....	1,700.00	
Inspection .....	311.84	
Advertising for bids, etc. ....	205.80	

Grading .....	2,092.50
Sewer Connection .....	129.86
Miscellaneous .....	435.08
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Total Payments .....	\$162,780.85
Balance to 1940 .....	9,222.70
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#### Elementary School Building

(Total Expenditures from Nov. 1, 1938)

Built as P. W. A. Project Mass. 1511F

Appropriation Town .....	\$110,000.00
Premium & Interest on Bonds .....	288.41
Federal Grants .....	68,550.30
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#### Payments :

\$178,838.71

Construction Contract .....	\$152,491.04
Architects Fees .....	11,853.73
Clerk of Works .....	1,760.00
Inspection .....	311.84
Advertising for bids, etc. ....	206.80
Bond Expense .....	335.16
Grading .....	2,092.50
Sewer Connection .....	129.86
Miscellaneous .....	435.08
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Total Payments .....	\$169,616.01
Balance to 1940 .....	\$ 9,222.70
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\$178,838.71

#### School Cafeterias Appropriation .....

\$ 12,000.00

Pay Roll .....	\$ 3,179.00
Supplies .....	8,653.67
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Total Payments .....	11,832.67
Balance to Revenue .....	167.33
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#### Industrial Tuition, Appropriation .....

\$ 1,350.00

City of Boston .....	\$ 234.79
City of Medford .....	316.35
City of Somerville .....	356.93
City of Lynn .....	4.00
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Total Payments .....	912.07
Balance to Revenue .....	437.93

Public Library Salaries, Appropriation .....		\$ 5,550.00
Librarian Salary .....	\$ 1,500.00	
Assistants .....	3,134.90	
Janitor .....	780.00	
	<hr/>	
Total Payments .....	\$ 5,414.90	
Balance to Revenue .....	135.10	
Public Library Maintenance, Appropriation .....		\$ 3,375.00
Telephone .....	45.92	
Books and Periodicals .....	2,292.55	
Binding and Cleaning Books .....	184.03	
Printing and Supplies .....	183.28	
Furniture and Equipment .....	150.71	
Fuel .....	210.79	
Light .....	135.66	
Water and Sewer .....	12.00	
Building Repairs .....	98.22	
All other .....	58.48	
	<hr/>	
Total Payments .....	\$ 3,371.64	
Balance to Revenue .....	3.36	
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## CEMETERIES

### Laurel Hill Cemetery

Laurel Hill Cemetery, Appropriation .....	\$ 8,000.00
Transfer from Cemetery Reserve .....	1,100.00
Receipts Care Soldiers' Graves .....	60.50
Transfer from Bequest Fund .....	2,006.73
	<hr/>
	\$ 11,167.23

#### Payments:

Superintendent's Salary .....	2,600.00
Pay Rolls .....	6,903.31
Materials and Supplies .....	1,660.91
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Total Payments .....	\$ 11,164.22
Balance to Revenue .....	3.01
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### Forest Glen Cemetery

Forest Glen Cemetery, Appropriation .....	\$ 1,000.00
Pay Roll .....	796.22
Supplies .....	202.98
	<hr/>
Total Payments .....	999.20
Balance to Revenue .....	.80



Granger Avenue Lay-Out		
Balance from 1938 .....		\$ 787.75
Pay Rolls .....	\$ 623.48	
Material and Tools, etc. ....	164.27	
	<hr/>	
Total Payments .....	\$ 787.75	
Waverly Road Lay-Out		
Balance from 1938 .....		\$ 381.00
Pay Rolls .....	\$ 167.69	
Material and Tco's .....	204.24	
	<hr/>	
Total Payments .....	\$ 371.93	
Balance to Revenue .....	9.07	
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	\$ 381.00	
Belmont Street Extension Appro. ....		\$ 896.00
Pay Rolls .....	\$ 638.05	
Material and Tools .....	252.65	
All other .....	5.30	
	<hr/>	
Total Payments .....	\$ 896.00	
Prospect Street Ext., Appro. ....		\$ 480.00
Pay Rolls .....	\$ 303.07	
Material and Tools .....	171.43	
All other .....	5.50	
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	\$ 480.00	
New Equipment, Appropriation .....		\$ 8,000.00
New Equipment .....	\$ 7,929.28	
Balance to Revenue .....	70.72	
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	\$ 8,000.00	
Woburn Street Construction Contract No. 6668		
Balance from 1938 .....		\$ 1,276.47
Transfer from Road Mach. Acct. ....		84.77
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		\$ 1,361.24
Payments:		
Pay Rolls .....	\$ 66.02	
Material and Tools .....	57.95	
Transfer to Road Mach. Acct. ....	1,110.12	
Total Payments .....	1,234.09	
Balance to Revenue .....	127.15	
	<hr/>	
	\$ 1,361.24	

# Lowell Street Construction

Balance from 1938 ..... \$ 7,850.20

## Payments:

Pay Rolls ..... \$ 2,817.12

Material and Tools ..... 3,615.66

Transfer to Road. Mach. Acct. .... 1,347.85

Total Payments ..... \$ 7,780.63

Balance to Revenue ..... 69.57

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\$ 7,850.20

# Chapter 90 Maintenance

Transferred from Highway Maint. .... \$ 1,000.00

Aid from State ..... 942.60

Aid from County ..... 942.60

Transfers ..... 114.80

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\$ 3,000.00

Pay Rolls ..... \$ 598.21

Material and Tools ..... 1,850.10

Transfer to Road Mach. Acct. .... 551.69

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Total Payments ..... \$ 3,000.00

# Drainage Investigation, Appro. .... \$ 2,500.00

Engineering Sewers ..... \$ 700.00

Photographs and Plans ..... 119.00

Blue Prints ..... 54.81

Advertising and Printing ..... 53.77

Surveying ..... 83.50

Supplies ..... 18.34

Clerical ..... 30.61

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Total Payments ..... \$ 1,060.03

Transferred to Special Drainage Account .. 1,000.00

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\$ 2,060.03

Balance Fwd. to 1940 ..... 439.97

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\$ 2,500.00

# Washington Street Resurfacing Appro. .... \$ 1,500.00

Pay Rolls ..... \$ 346.85

Material and Tools ..... 1,145.09

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\$ 1,491.94

Balance to Revenue .....	8.06	
Total Payments .....	\$ 1,500.00	
John Street Dump, Appropriation .....		\$ 1,200.00
Pay Rolls .....	\$ 1,162.35	
Material .....	35.22	
Total Payments .....	\$ 1,197.57	
Balance to Revenue .....	2.43	
	\$ 1,200.00	
Sewer Department Maint. and Const. and Int., Appropriation .....		\$ 11,475.00
Pay Rolls .....	\$ 4,725.55	
Interest on Bonds .....	2,730.00	
Insurance .....	557.08	
Motor Vehicle Maint. ....	520.60	
Supplies and Tools .....	2,278.71	
All other .....	647.84	
Total Payments .....	\$ 11,459.78	
Balance to Sewer Reserve .....	15.22	
	\$ 11,475.00	
Sewer Dept. House Connections, Appro. ....		\$ 1,200.00
Transfer from Reserve Fund .....		514.00
		\$ 1,714.00
Pay Rolls .....	\$ 1,229.41	
Pipe and Misc. ....	448.63	
Total Payments .....	\$ 1,678.04	
Balance to Revenue .....	35.96	
	\$ 1,714.00	
Park Department, Appropriation .....		\$ 4,500.00
Transfer from Reserve Fund .....		170.00
Receipt, Refund .....		4.73
		\$ 4,674.73
Pay Rolls .....	\$ 1,780.37	
Tools and Supplies .....	706.82	
Lights .....	170.78	
Repairing and Moving Lights .....	400.92	

Repairs to Tennis Courts .....	465.00
Fencing .....	323.00
Power Mower .....	340.00
All Other .....	482.28

Total Payments .....	\$ 4,669.17
Balance to Revenue .....	5.56

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\$ 4,674.73

Water Department, Maintenance and  
Construction Bonds and Interest, Approp-  
riation .....

\$ 53,000.000

Receipts, Refunds ..... 27.81

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\$ 53,027.81

Pay Rolls .....	\$ 16,131.53
Bonds .....	11,000.00
Interest on Bonds .....	1,902.50
Insurance .....	1,095.97
Telephones .....	124.50
Light and Power .....	5,599.93
New Meters and Hydrants .....	822.86
Auto Equipment, Repairs .....	579.86
Pipe .....	3,290.80
Supplies, Tools and Fittings .....	3,167.67
Fuel .....	573.69
Standpipe Repairs .....	92.00
New Wells .....	3,808.97
All Other .....	236.58
Transfer .....	4,022.91

Total Payments .....	\$ 52,449.77
Balance to 1940 .....	578.04

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\$ 53,027.81

#### MUNICIPAL LIGHT DEPARTMENT

Balance from 1938 .....	\$ 5,018.28
Receipts Sale Light and Power .....	384,487.93
Receipts (other) .....	1,028.66
Receipts Refund .....	70.00
Fire Loss .....	25.28
Insurance Account .....	6.08

Premium-Interest .....	537.30
Transfer from Underground Construction Account .....	223.88

Payments:

New Construction .....	\$ 59,701.83
Electric Energy Purchased .....	121,121.77
Salaries and Wages .....	104,222.20
Maintenance and Operation of Lines ..	12,453.00
Taxes .....	4,683.00
Insurance .....	3,259.34
Office and Salesroom .....	6,670.63
Rent .....	1,239.70
Interest Paid .....	2,847.50
Bonds and Notes Paid .....	15,500.00
Paid to Treasurer .....	24,000.00
Other Payments .....	22,219.26

Total Payments .....	\$377,918.23
Transfer to Building Account .....	5,000.00
Balance to 1940 .....	8,479.18

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\$391,397.41	391,397.41
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Municipal Light Department Office Bldg. Appropriation .....	\$ 36,000.00
Transferred from Construction Fund .....	5,000.00

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\$ 41,000.00

Purchase of Property .....	\$ 10,000.00
Registering Deeds .....	3.75
Building Contract .....	18,835.26
Heating and Ventilating .....	2,337.60
Architects Fees .....	1,300.00
Surveying .....	95.50
Advertising Bids .....	5.00
Liability Insurance .....	383.09
Payrolls, Labor .....	292.64
Other Labor and Materials .....	3,134.22
Truck Hire .....	716.50
Roofing .....	140.65
Grading .....	365.00
Painting .....	315.00
Electric Wiring and Fixtures .....	2,014.14
Plumbing .....	212.69

Signs .....	750.00
All Other .....	44.88

Total Payments .....	\$ 40,945.91
Balance to 1940 .....	54.09

#### **Municipal Light Department Underground Construction**

Appropriation Bond Issue .....	\$ 15,000.00
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#### **Payments :**

Conduit .....	\$ 10,764.56
Conductors .....	989.85
Street Light Equipment .....	869.51
Transformers and Switches .....	909.68
Other Materials and Tools .....	1,466.40

Total Payments .....	\$ 15,000.00
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Note: Labor furnished by W. P. A. Allotment.

#### **INSURANCE**

Appropriation .....	\$ 11,979.08
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#### **Receipts :**

Water .....	\$ 1,095.97
Sewer .....	558.82
Municipal Light .....	1,618.04
W. P. A. ....	187.23
All Other .....	381.71

**3,841.47**

**\$ 15,830.85**

Less Transfers .....	55.74
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**\$ 15,765.11**

#### **Payments :**

Municipal Building .....	\$ 244.07
Public Library .....	102.70
School Department .....	3,566.64
Fire Department .....	545.29
Fire Alarm Department .....	110.84
Police Department .....	563.95
Assessor's Clerical .....	2.23
Town Accountant .....	16.20
Sealer of W. & M. ....	13.76
Treasurer .....	364.89
Town Clerk .....	15.00
Tax Collector .....	450.00



Moth Department .....	736.83	
Municipal Light Dept. ....	1,695.77	
Public Works Dept. ....	244.77	
Water Department .....	1,095.97	
Sewer Department .....	557.08	
Highway Department .....	4,518.15	
Park Department .....	77.65	
Cemetery Department .....	320.64	
W. P. A. ....	188.97	
Welfare Department .....	134.93	
Town Real Estate .....	14.14	
<hr/>		
Total Payments .....	\$ 15,580.47	
Balance to Revenue .....	184.64	
<hr/>		
	\$ 15,765.11	
Interest, Not Including Water, Light and Sewer, Appro. ...	\$ 6,093.50	
Municipal Garage Loan .....	\$ 461.25	
County Hospital Loan .....	82.50	
Elementary School Loan .....	1,925.00	
Police Station Loan .....	100.00	
Fire Engine Loan .....	13.50	
Municipal Relief, 1935 .....	341.25	
Municipal Relief, 1937 .....	175.00	
Municipal Relief, 1938 .....	350.00	
Tax Title .....	198.80	
Storm Emergency .....	38.93	
Temporary Loans .....	1,042.18	
<hr/>		
Total Payments .....	\$ 4,728.41	
Balance to Revenue .....		\$ 1,365.09
<hr/>		
Municipal Debt Not Including Water, Light, Appropriation	\$ 40,600.00	
Municipal Garage Loan .....	\$ 3,000.00	
County Hospital .....	1,000.00	
Elementary School .....	6,000.00	
Police Station .....	5,000.00	
Fire Engine .....	600.00	
Municipal Relief, 1935 .....	3,000.00	
Municipal Relief, 1937 .....	7,000.00	
Municipal Relief, 1938 .....	7,000.00	
Sewer .....	8,000.00	
<hr/>		
	\$ 40,600.00	

Reserve Fund Appropriation .....		\$ 5,000.00
Transfers as follows:		
Park Department .....	\$ 170.00	
Election and Registration .....	325.00	
World War Mem. Ded. ....	250.00	
Old Age Assistance .....	500.00	
Town Counsel .....	140.00	
Fire Alarm Maint. ....	400.00	
Military Aid .....	100.00	
Sewer H. C. ....	514.00	
Collector's Clerical .....	50.00	
Planning Board .....	125.00	
Fire Dept. ....	225.00	
Highway Dept. ....	1,829.00	
	<hr/>	
Total Payments .....	\$ 4,628.00	
Balance to Revenue .....	372.00	
	<hr/>	
Rent Legion Quarters, Appro. ....		\$ 1,500.00
Reading Veteran's Assoc. ....	\$ 1,500.00	
Memorial Day Observance, Appro. ....		\$ 600.00
Payments .....	597.10	
Balance to Revenue .....	2.90	
	<hr/>	
	\$ 600.00	
World War Memorial Dedication, Appro. ....		\$ 200.00
Trans. from War Memorial Fund .....		189.57
Trans. from Reserve Fund .....		250.00
		<hr/>
		\$ 639.57
Payments .....	\$ 580.87	
Balance to Revenue .....	58.70	
	<hr/>	
	\$ 639.57	
World War Memorial Fund, Bal. Jan. 1, 1939 ..		\$ 5,189.57
Payment, Memorial .....	\$ 5,000.00	
Trans. to War Memorial Dedication Fund .....	189.57	
	<hr/>	
	\$ 5,189.57	

Town Forest Appropriation .....		\$	300.00
Pay Roll .....	\$	300.00	

#### Baseball Fund

Balance from 1938 .....		\$	45.20
Receipts .....			15.30

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	\$	60.50
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Transfer to 1940 .....	\$	60.50
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#### Morrison Fund

Balance from 1938 .....		\$	36.59
Receipts .....			45.00

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	\$	81.59
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Payments .....	\$	80.08
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Transfer to 1940 .....		1.51
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	\$	81.59
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#### Storm Emergency

Balance from 1938 .....		\$	102.06
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Motor Vehicle Expense .....	\$	16.48
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Flag Pole .....		35.00
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Total Payments .....	\$	51.48
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Balance to Revenue .....	\$	50.58
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	\$	102.06
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#### Premium and Interest Account

Balance Jan. 1, 1939 .....		\$	321.95
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Premium and Int. on Loans 1939 .....			1,185.45
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Reimbursement .....			147.93
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	\$	1,655.33
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#### Payments:

Director of Accts. ....	\$	147.00
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Am. Bank Note Co. ....		109.81
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Second Nat'l Bank .....		86.90
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Transfers .....	767.26
Total Payments .....	\$ 1,110.97
Balance to 1940 .....	544.36
	<u>\$ 1,655.33</u>

Unpaid Bills, 1938, Appropriation ..... \$ 1,900.00

Payments:

Police Department .....	\$ 6.45
Board of Health .....	16.00
Care Contagious Disease .....	222.00
Public Library .....	92.91
Welfare Dept. ....	1,409.44
Soldiers' Relief .....	43.51
Industrial Tuition .....	36.84

Total Payments .....	\$ 1,827.15
Balance to Revenue .....	72.85

Land Court Appropriation .....	\$ 500.00
Refunds .....	86.25
	<u>\$ 586.25</u>

Payments:

Land Court .....	351.23
Balance to Revenue .....	235.02
	<u>\$ 586.25</u>

GUARANTEE DEPOSITS, REFUNDS

	Bal. Jan. 1, 1939	Receipts	Payments	Trans.	Bal. Dec. 31, 1939
Sewer House Con- nections .....		\$ 603.38	\$ 94.50	\$ 471.38	\$ 37.50
Sidewalk and Curb- ing Work .....		88.35	27.79	60.56	
Cemetery Work ....		135.00	3.75	131.25	
Dog License Fees ..	\$ 23.40	\$1,662.20	\$1,680.20		\$ 5.40

# TOWN DEBT DETAIL OF MATURITIES

Year	Municipal Relief 1935	Municipal Relief 1937	Municipal Relief 1938	Municipal Relief 1939	Storm Emergency 1939	Elementary School	Water Dept.	Water Plant	Sewer Dept.	Municipal Light Dept.	Municipal Garage	County Hospital	Mun. Rel. Chap. 72 Accts. 1939	Drainage Loan Chap. 458 Accts. 1939
1940	\$ 3,000.00	\$ 7,000.00	\$ 7,000.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00	\$ 6,000.00	\$ 5,000.00	\$ 8,000.00	\$ 21,000.00	\$ 3,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00
1941	3,000.00		7,000.00	3,000.00	3,000.00	6,000.00	6,000.00	4,000.00	7,000.00	19,000.00	3,000.00	1,000.00	2,000.00	2,000.00
1942	3,000.00		7,000.00	3,000.00	3,000.00	6,000.00	6,000.00	4,000.00	7,000.00	19,000.00	3,000.00	1,000.00	2,000.00	2,000.00
1943	3,000.00		7,000.00	3,000.00	3,000.00	6,000.00	4,000.00	3,000.00	7,000.00	19,000.00	2,000.00	1,000.00	1,000.00	2,000.00
1944	3,000.00			2,000.00	1,000.00	6,000.00	4,000.00	3,000.00	7,000.00	19,000.00	2,000.00	1,000.00	1,000.00	1,000.00
1945	3,000.00			2,000.00		6,000.00	4,000.00	3,000.00	6,000.00	15,000.00	2,000.00			50,000.00
1946				2,000.00		6,000.00	2,000.00		6,000.00	13,000.00	2,000.00			41,000.00
1947				2,000.00		6,000.00			6,000.00	13,000.00	2,000.00			31,000.00
1948				2,000.00		6,000.00			2,000.00	7,000.00				29,000.00
1949				2,000.00		5,000.00			2,000.00	7,000.00				17,000.00
1950						5,000.00			2,000.00	7,000.00				16,000.00
1951						5,000.00				4,000.00				9,000.00
1952						5,000.00				4,000.00				9,000.00
1953						5,000.00				2,000.00				7,000.00
1954						5,000.00				2,000.00				7,000.00
1955						5,000.00				2,000.00				7,000.00
1956						5,000.00				1,000.00				6,000.00
1957						5,000.00				1,000.00				6,000.00
1958						5,000.00				1,000.00				6,000.00
1959						5,000.00				1,000.00				1,000.00

\$18,000.00 \$ 7,000.00 \$28,000.00 \$24,000.00 \$ 13,000.00 \$104,000.00 \$ 32,000.00 \$ 22,000.00 \$ 58,000.00 \$172,000.00 \$ 19,000.00 \$ 5,000.00 \$ 8,000.00 \$ 9,000.00 \$519,000.00\*

\*Tax Title Loan not included. Balance Dec. 31, 1939 \$ 310.42

## ACCOUNTING LOANS, ANTICIPATION OF REVENUE

Outstanding Jan. 1, 1939 due Nov. 1939 .....	\$275,000.00
Issued in 1939:	
Date      Note Due      Purchased by      Rate      Amount	
Mar. 1939    Nov. 1939    2nd National Bank of Boston    .19%    \$200,000.00	
Nov. 1939    Nov. 1940    2nd National Bank of Boston    .287%    275,000.00	
	<hr/>
	\$750,000.00
Paid in 1939:	
November .....	475,000.00
	<hr/>
Outstanding Dec. 31, 1939 .....	\$275,000.00

## ACCOUNTING TRUST FUNDS

Balance Jan. 1, 1939 .....	\$247,959.09	
Hospital Fund Income .....	4,526.43	
Cemetery Bequest Fund Income .....	2,226.80	
Cemetery Bequest Fund Bequests .....	1,965.00	
R. H. S. Scholarship Fund Income .....	118.36	
Public Library Fund Income .....	21.24	
Public Library Fund (H. G. Wadlin) Income ..	35.96	
Hospital Fund Payments for Hospital Care ....		\$ 2,649.31
Hospital Fund, Administrative Expenses .....		120.00
Cemetery Bequest Fund Payments for Care		
Endowed Lots .....		2,006.73
R. H. S. Scholarship Fund Payments for Schol-		
arships .....		135.00
Balance Dec. 31, 1939 .....		251,941.84
	<hr/>	<hr/>
	\$256,852.88	\$256,852.88

## HOSPITAL FUND

Balance Jan. 1, 1939 .....		\$161,517.70
Receipts .....		4,526.43
Payments .....	\$ 2,769.31	
Balance Dec. 31, 1939 .....	163,274.82	
	<hr/>	<hr/>
	\$166,044.13	\$166,044.13



### CEMETERY BEQUEST FUND

Balance Jan. 1, 1939 .....		\$ 78,557.04	
Receipts .....			4,191.80
Payments .....	\$ 2,006.73		
Balance Dec. 31, 1939 .....	80,742.11		
		<hr/>	<hr/>
		\$ 82,748.84	\$ 82,748.84

### READING HIGH SCHOOL SCHOLARSHIP FUND

Balance Jan. 1, 1939 .....		\$ 5,037.94	
Receipts .....			118.36
Payments .....	\$ 135.00		
Balance Dec. 31, 1939 .....	5,021.30		
		<hr/>	<hr/>
		\$ 5,156.30	\$ 5,156.30

### PUBLIC LIBRARY FUND

Balance Jan. 1, 1939 .....		\$ 1,057.19	
Receipts .....			21.24
Balance Dec. 31, 1939 .....	\$ 1,078.43		
		<hr/>	<hr/>
		\$ 1,078.43	\$ 1,078.43

### PUBLIC LIBRARY FUND

Horace G. Wadlin

Balance Jan. 1, 1939 .....		\$ 1,789.22	
Receipts .....			35.96
Balance Dec. 31, 1939 .....	1,825.18		
		<hr/>	<hr/>
		\$ 1,825.18	\$ 1,825.18

### STATEMENT OF INVESTED FUNDS

Cemetery Bequest Fund

Investments Listed at Par:

\$5,000 N. E. Tel. 1st Mort. 5's Series A 1952 .....	\$ 5,000.00
\$5,000 No. Pac. Ry. Ref. and Imp., 6's Series B2047 ....	5,000.00

\$4,000 N. Y. C. R. R. Ref. Imp. 5's Series C2013 .....	4,000.00
Blackstone Savings Bank, Boston, No. 10672 .....	6,655.06
Home Savings Bank, Boston, No. 368,204 .....	12,792.92
Boston Five Cents Savings Bank, No. 948,228 .....	14,358.22
Andover Savings Bank, No. 40177 .....	4,688.04
Cambridge Savings Bank, No. 89,112 .....	4,730.29
Essex Savings Bank, Lawrence, No. 230779 .....	4,777.15
Mechanics Savings Bank, Reading No. 5103 .....	4,783.43
Mechanics Savings Bank, Reading, No. 10714 .....	2,232.68
Malden Savings Bank, No. 137262 .....	5,930.88
Woburn Five Cents Savings Bank, No. 61052 .....	5,793.44
	<hr/>
	\$ 80,742.11

### Library Fund

#### Investment:

Boston Five Cents Savings Bank No. 987,334. ....	\$ 1,078.43
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### Horace G. Wadlin Fund

#### Investment:

Boston Five Cents Savings Bank, No. 1079095 .....	\$ 1,825.18
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### Reading High School Scholarship Fund

#### Investments:

Andover Savings Bank, No. 39,861 .....	\$ 1,000.00
Charlestown Five Cents Savings Bank, No. 161863 .....	3,000.00
Essex Savings Bank, Lawrence, No. 230,306 .....	1,000.00
First National Bank, Reading, Savings Dept., No. 5624 .....	21.30
	<hr/>
	\$ 5,021.30

### Hospital Fund

#### Investments Listed at Par or Less:

\$5,000 Chicago B. & Q. R. R. Co., Ill., Div. "M" 3½, 1949 ..	\$ 5,000.00
\$4,050—100 Shares First National Bank, Boston .....	4,050.00
\$5,000 Consolidated Gas of Baltimore Gen. M 4½s, 1954 ...	5,000.00
\$5,000 Ill. Cent. R. R. Co., Tr. 4's, 1952 .....	5,000.00

\$5,000 Ill. Cent. R. R. Co., St. Louis Div. 1st M 3's, 1951 ....	5,000.00
\$5,000 U. S. Treasury Bonds 4¼'s 1952 .....	\$ 5,000.00
\$10,000 U. S. Treasury Bonds 2¾'s 1963 .....	10,000.00
\$5,000 Pitts. Cinn. Chicago & St. L., 4½'s 1977 .....	5,000.00
\$7,000 U. S. Savings Bonds 1949 .....	5,250.00
\$5,000 Old Colony R. R. 1st 5's, 1945 .....	5,000.00
\$5,000 Penn. R. R. Co. Gen. Mort. 4½'s, 1965 .....	5,000.00
American Mfg. Co., Common, 72 Shares .....	1.00
Home Bleachery & Dye Wks. Pfd., 2 Shares .....	11.00
Sharp Mfg. Co. Pfd., 55 Shares .....	1.00
Sharp Mfg. Co. Com., 20 Shares (10921300) .....	1.00
Andover Savings Bank, No. 39860 .....	7,813.63
Charlestown Five Cents Savings Bank, No. 162338 .....	8,080.75
Essex Savings Bank, Lawrence, No. 230778 .....	7,962.13
Mechanics Savings Bank, Reading, No. 9189 .....	15,573.64
First National Bank, Reading Savings Dept., No. 6435 ....	5,680.41
Chelsea Savings Bank, No. 154784 .....	10,011.59
Danvers Savings Bank, No. 2189 .....	1,096.10
Dedham Institution for Savings, No. 72053 .....	3,165.96
Franklin Savings Bank, Boston, No. 187890 .....	2,138.82
Lynn Five Cents Savings Bank, No. 244496 .....	2,093.22
Malden Savings Bank, No. 141347 .....	5,778.63
Melrose Savings Bank, No. 52937 .....	2,107.98
Provident Institution for Savings, Boston, No. 615034 .....	8,597.98
Suffolk Savings Bank, Boston, No. 544673 .....	2,137.13
Wakefield Savings Bank, No. 135648 .....	4,203.77
Warren Institution for Savings, Boston, No. 135648 .....	10,962.49
Woburn Five Cents Savings Bank, No. 63401 .....	4,848.18
Cash in General Fund .....	1,709.31
	<hr/>
	\$163,274.82

I hereby certify that, in accordance with the provisions of Section 55, Chapter 41 of the General Laws, I have audited the account of the Commissioners of Trust Funds, have examined the securities and verified bank balances and report the foregoing to be a true and accurate statement, December 31, 1939.

LEON G. BENT,  
Town Accountant.

# BALANCE SHEET DECEMBER 31, 1939

## ASSETS

## LIABILITIES AND RESERVES

Cash in Banks and Offices .....	\$155,415.49	Temporary Loans in Anticipation of Revenue .....	\$275,000.00
Municipal Light Consumers' Deposit Fund .....	9,376.54	Guarantee Deposits:	
Accounts Receivable:		Municipal Light Consumers' Deposits .....	9,376.54
Taxes: Levy of 1935 .....	22.00	Sewer House Connections .....	37.50
1936 .....	76.11	Premium on Loans .....	544.36
1937 .....	917.29	Hospital Fund .....	1,709.31
1938 .....	41,344.61	Cemetery Reserve Fund .....	5,466.15
1939 .....	167,629.14	Fire Loss Special Account .....	422.00
Motor Vehicle Excise:		Unexpended Appropriation Balances .....	6,992.47
Levy of 1935 .....	48.72	State and County Taxes .....	1,511.74
1936 .....	277.54	Special Funds:	
1937 .....	656.18	Morrison Fund .....	1.51
1938 .....	137.69	Baseball Fund .....	60.50
1939 .....	635.15	Dog License Fees .....	5.40
Special Assessments:		Tailings Account... ..	376.39
Moth 1937 .....	1.50	Reserve Fund Overlay Surplus .....	921.98
1938 .....	57.50	Overlays Reserved 1935 .....	20.09
1939 .....	182.00	1938 .....	1,680.82
Sewer Assessments Unapportioned .....	91.42	1939 .....	1,724.82
Sewer Assessments added to taxes 1938 .....	7.45	Municipal Light Department Maintenance Account ..	8,479.18
1939 .....	124.31	Municipal Light Department New Building .....	54.09
Sewer Assessments Interest added to taxes 1938 .....	1.23	Revenue Reserved until collected:	
1939 .....	31.52	Motor Vehicle Excise Tax .....	1,755.28
Sidewalk Assessments Unapportioned .....	1,879.38	Moth Assessments .....	241.00
Sidewalk Assessments added to taxes 1938 .....	69.04	Sewer Assessments and Interest .....	255.93
1939 .....	305.87	Highway Betterment Assessments and Interest ..	4,939.97

Sidewalk Assessments Interest added to taxes 1938 ..	12.26	Sidewalk Assessments and Interest .....	2,345.03
1939 ..	78.48	Sewer Rentals .....	1,247.17
Highway Assessments Unapportioned .....	3,522.91	Tax Titles .....	12,809.00
Highway Assessments added to taxes 1938 .....	185.93	Tax Possessions .....	6,481.68
1939 .....	869.51	Departmental Accounts Receivable .....	28,960.67
Highway Assessments Interest added to taxes 1938 ..	69.12	Water Rates and Liens .....	3,556.44
1939 ..	292.50	Water Available Surplus .....	4,097.34
Sewer Rentals .....	1,247.17	Municipal Light Department .....	38,210.92
Tax Titles .....	12,809.00	Surplus Revenue (E. and D.) .....	43,762.27
Tax Possessions .....	6,481.68	Real Estate Account .....	882.00
Departmental Accounts Receivable .....	28,960.67	Road Machinery Account .....	6,242.04
Water Rates .....	2,652.50	Elementary School Building .....	9,222.70
Water Liens, Interest and Costs .....	903.94	Balances Loan Accounts .....	975.45
Municipal Light Rates .....	38,210.92		
State Aid to Highways .....	2,362.26		
County Aid to Highways .....	1,377.48		
Overlay Deficit 1936 .....	165.30		
Overlay Deficit 1937 .....	425.88		
Overdraft, Snow and Ice Account .....	434.43		
Hospital Care, Veterans' Deficit .....	20.00		
	<hr/>		<hr/>
	\$480,369.65		\$480,369.65

### DEFERRED ACCOUNTS

Apportioned Sewer Assessment not due .....	\$ 1,094.75	Apportioned Sewer Assessment Revenue 1940-1948 ..	\$ 1,094.75
Apportioned S. and C. Assessment not due .....	3,235.21	Apportioned S. and C. Assessment Revenue 1940-1948	3,235.21
Apportioned Highway Assessment not due .....	8,995.11	Apportioned Highway Assessment Revenue 1940-1948	8,995.11
	<hr/>		<hr/>
	\$ 13,325.07		\$ 13,325.07

## DEBT ACCOUNT

Loans Outstanding .....	\$519,310.42	General Debt:	
		County Hospital Loan .....	\$ 5,000.00
		Drainage Loan .....	9,000.00
		Sewer Loan .....	58,000.00
		Municipal Garage Loan .....	19,000.00
		Municipal Relief Loan Accounts 1935 .....	18,000.00
		1937 .....	7,000.00
		1938 .....	28,000.00
		1939 .....	24,000.00
		1939 .....	8,000.00
		Storm Emergency Loan Light Department ....	25,000.00
		Storm Emergency Loan .....	13,000.00
		Elementary School Loan .....	104,000.00
		Tax Title Loan .....	310.42
		Public Service Enterprises Debt:	
		Municipal Light Loan .....	147,000.00
		Water Loan .....	32,000.00
		Water Filtration Plant Loan .....	22,000.00
	<hr/>		<hr/>
	\$519,310.42		\$519,310.42

## TRUST ACCOUNTS

Trust Funds, Cash and Securities .....	\$251,941.84	Hospital Fund .....	\$163,274.82
		Cemetery Bequest Fund .....	80,742.11
		R. H. S. Scholarship Fund .....	5,021.30
		Library Fund .....	1,078.43
		Horace G. Wadlin Fund .....	1,825.18
	<hr/>		<hr/>
	\$251,941.84		\$251,941.84
	<hr/>		<hr/>
	\$1,264,946.98		\$1,264,946.98





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